LM Dental™



PRODUCT CATALOG

LM-DENTAL™

You can feel the difference

We are LM-Dental™, a dental instrument manufacturer located in Parainen, a town in southwest Finland.

Ever since founded in 1973 - more than 50 years ago - we have focused on developing, manufacturing, and marketing high-tech dental hand instruments. We apply the same high standards also to all other LM™ product groups: dental instrument tracking system, ultrasonic devices, and orthodontic appliances.

Our goal at LM™ is to create genuine value for dental care professionals by making instruments that are safe, efficient, and pleasant to use. We aim to make a difference where it counts: by helping people in all aspects of dentistry.

At LM™ we are truly dedicated to manufacturing excellence, allowing us to serve our customers with products that are precise, durable, and reliable. All our products are manufactured in Finland.

Continuous improvement in services and standards has always been our guiding principle, and by following that we've grown from a small garage workshop in the Finnish archipelago to a distinguished player in the global dental industry. Today we are the market leader in Nordic countries exporting 80% of our products globally.

WITH US YOU CAN FEEL THE DIFFERENCE.

Read more at www.lm-dental.com/About us/Who we are



PLANMECA

LM-Dental™ is part of the Planmeca Group, one of the world's leading manufacturers of dental equipment. www.planmeca.com

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SUSTAINABLE CARE

Surrounded by the beautiful Finnish archipelago, we're reminded of why sustainability matters. It influences our choices every day – from how we design our products to how we manufacture them.

For us, sustainable care is about more than products – it's about a long-term commitment to care for people, to follow regulatory obligations, and having ethical business practices that guide our daily operations.

Learn more about our sustainability path and read the full Sustainability Report at www.lm-dental.com/About us/Sustainability





PIONEERING SINCE 1973

Instrument ergonomics

HOW TO DEFINE AN ERGONOMIC HAND INSTRUMENT?

Firstly a non-slip, natural grip on an instrument are essential. Secondly a lightweight and optimized design prevents effectively occupational diseases. Thirdly a good tactile sensitivity and easy handling of the instrument guarantee the best clinical results. Reliability, wear resistance and comfort are the features that will be evident for both, the dentist and the patient.

- These are the guiding principals how Pekka Kangasniemi, DDS, one of the founders of LM-Dental™, defined instrument ergonomics already in the 1980s.

PIONEERING INNOVATIONS IN DENTAL INSTRUMENT ERGONOMICS

As ergonomics being one of the first key concepts for LM™ product line, were the oversized handles the first step on that path and introduced already in 1974. In the end of 1980s ergonomics were further enhanced by the first silicone handles and the year 1995 marked the year for our first oversized silicone handle LM-ErgoMax™.

The greatest outcome of intense research and cooperation with dental clinicians was the launch of LM-ErgoSense® instruments in 2015 with even more ergonomic grip and with possibility to integrate a trackable LM DTS™ RFID tag into the handle making it the first "smart instrument" on the market.

What LM™ brand is widely known and recognized is the innovation introduced already in 1980: the color-coded handles to ease the identification of the instrument. These radical product theses at the time - a thicker handle, optimized shape, elastic surface, lightness and color-coding - have become industry wide standards in the 21st century. We are the innovation leader that others copy.

Making dental care safe, efficient and pleasant

LMDental™

OVER 50 YEARS OF MAKING THE DIFFERENCE

Read more at www.lm-dental.com



Fresh color-coding
- ease the identification during clinical procedures and maintenance

Elastic, ergonomic silicone surface and optimal contouring
- comfortable and non-slip grip

Optimal rigidity
- excellent sensitivity and efficiency
- outstanding corrosion resistance

Special alloyed metal core
- lightweight structure
- metal-to-metal connection for enhanced tactile sensitivity

LM-ErgoSense® handle *)
- oversized large diameter
- available with integrated LM DTS™ RFID tag
- available with sharpen free or non-stick coated tips

Precision formed tips and high-quality finishing
- extremely sharp and smooth cutting edge

LM-DuraGradeMax™ stainless steel tips
- high wear resistance
- immune to corrosion
- uncoated: can be resharpened



MAKING DENTAL CARE SAFE, EFFICIENT AND PLEASANT

We are truly dedicated to manufacturing excellence, allowing us to serve our customers with products that are precise, durable, and reliable. Continuous improvement in services and standards has always been our guiding principle. We apply the same high standards to our all product categories and are number-one-partner with the best-in-class dental products and smart solutions.

LM-ErgoSense® instrument handle

ENHANCING COMFORT AND PERFORMANCE

When holding the instruments for approximately 2,000 hours each year, the design, weight and feel of the instrument are crucial for the dental practitioner in terms of his/her performance and productivity. An ergonomic, high quality hand instrument naturally feels good in the hand.

The LM-ErgoSense® instrument handle is outcome of intense research and product development in close cooperation with dental clinical experts. It is truly a unique combination of ergonomic, functional design and high-tech in form of integrated RFID technology.

OVERSIZED Ø 13.7 MM SILICONE HANDLE

A hand instrument with thick silicone handle has been found to be more usable, cause lower perceived strain and to be more productive than those with thinner handles (1).

RATED AS BEST HAND INSTRUMENT

LM-ErgoSense® was rated as the best in 10 out of 14 specified usability features compared with the other tested instruments in a dental scaling simulation (1).

"FEELS GREAT IN THE HAND"

In study focusing on ergonomics, usability characteristics and work productivity of different hand instruments the thick, silicone coated LM™ instruments were the most preferred choice in regard to all 18 usability criteria used in the test (2).

UNIQUE INTELLIGENCE INSIDE

Integrated LM DTS™ RFID tag offers unique opportunities to improve material handling and patient safety. Read more on page 74.



Reference studies: (1) Sormunen E., Nevala N: Evaluation of ergonomics and usability of dental scaling instruments; Dental scaling simulation and Field study, part III. Finnish Institute of Occupational Health, LM-Instruments Oy. (2) Nevala N, Sormunen E, Remes J, Suomalainen K: Ergonomic and productivity evaluation of scaling instruments in dentistry. The Ergonomics Open Journal 2013; 6, 6-12.

LM SHARP DIAMOND™

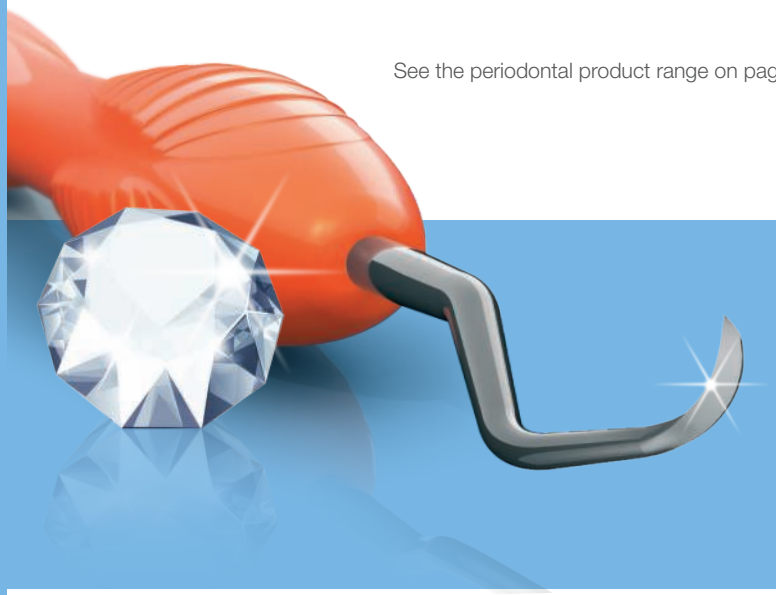
Sharpen-free instruments

Sharpen free LM Sharp Diamond™ coated instruments are ideal choice for clinicians who frequently use hand instruments and want to minimize the time spent on instrument maintenance. These instruments present optimal characteristics of superior sharpness, tactile sensitivity and comfort while combined with premium ergonomics of LM-ErgoSense® handle.

LM Sharp Diamond™ instrument tip is made from exceptionally durable special metal alloy, and its wear resistance is enhanced by a protective micro membrane coating providing excellent sharpness and control. LM Sharp Diamond™ instruments are well-suited for all forms of scaling and tips retain their original functionality, size and shape throughout their lifetime. The time saved from sharpening can be used for productive work and patient care.

What do the dental hygiene experts say? Scan the QR for the video.

See the periodontal product range on pages 22-40.



"With LM Sharp Diamond™, I'm not just doing my job - I'm perfecting it. I choose to work smart. I choose to work efficiently. I choose LM Sharp Diamond™."

Dr. Joy Void-Holmes

RHD, BSDH, DHSc, CEO and founder of Dr. Joy

CHOOSE SHARP.

SHARPEN FREE MICRO COATING



DIAMOND-LIKE FEATURES



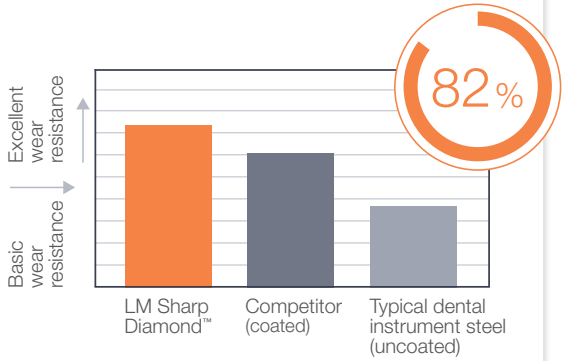


HARDNESS

Hardness contributes to the durability of the instrument. LM Sharp Diamond™ reaches hardness of over 63 on Rockwell scale.

WEAR RESISTANCE **

82% decrease in wear compared to typical dental hand instrument material.



Reference studies: * (1) Sormunen E., Nevala N: Evaluation of ergonomics and usability of dental scaling instruments; Dental scaling simulation and Field study, part III. Finnish Institute of Occupational Health, LM-Instruments Oy. (2) Nevala N, Sormunen E, Remes J, Suomalainen K: Ergonomic and productivity evaluation of scaling instruments in dentistry. The Ergonomics Open Journal 2013; 6, 6-12. ** Leppäniemi J. et all: The influence of PVD coatings on the wear performance of steel dental curettes. Key Engineering Materials Vol. 674 (2016), 289-295.



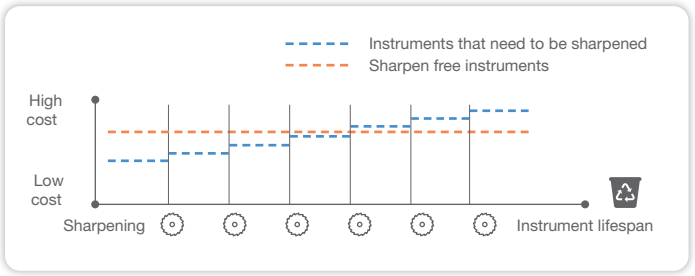
About SHARPNESS of dental hygiene instruments

The typical lifespan of a dental instrument varies between 6 to 18 months, depending on usage frequency and handling techniques. For optimal performance, most hygienists recommend sharpening instruments at least every two weeks. Prolonged usage without regular sharpening can result in bluntness, reducing the effectiveness of your work and ultimately diminishing patient comfort and satisfaction.

A significant number of instruments are often used beyond the recommended time frame, leading to decreased performance due to dullness. While sharpening is vital for maintaining sharpness, excessive sharpening can alter the original cutting shape and angularity, potentially decreasing instrument durability and increasing the risk of breakage.

It is of utmost importance for hygienists to utilize sharp instruments. Sharp scalers not only reduce fatigue and ergonomic strain for hygienists but also contribute to enhanced patient comfort.

COMPARISON of sharpen free instruments and instruments to be sharpened

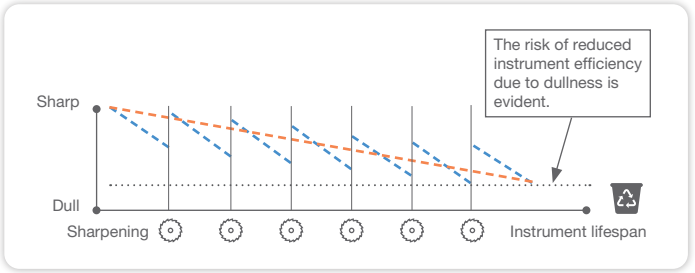


COST PERSPECTIVE

Switching from conventional to sharpen free instruments a small clinic allows to reduce costs significantly, even 10 000 €, in one year.

The purchase price of sharpen free instruments is ~25% higher compared to instruments that can be resharpened. However, the cost of sharpening services or doing it yourself, counting time, amounts to easily 5-10 € per sharpening. As a result, the price difference between sharpen free hand instruments and those that require sharpening becomes negligible already after approximately 3-4 sharpening sessions.

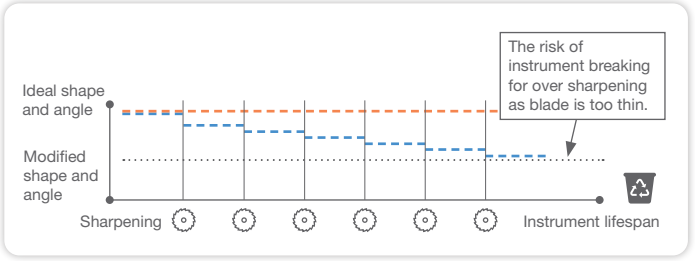
By choosing sharpen free hand instruments, the need for sharpening is eliminated. This not only saves valuable time but also reduces expenses, which can then be redirected towards more productive work.



SHARPNESS AND EFFECTIVENESS PERSPECTIVE

Sharpen free instruments can retain their sharpness for 82% longer compared to instruments that are resharpened, which tend to lose their sharpness more quickly.

Additionally, resharpening instruments display greater fluctuations in sharpness over time.



SHAPE AND SAFETY PERSPECTIVE

Sharpen free instruments maintain their original design, shape, and angulation consistently throughout their entire lifespan.

Excessive sharpening of instruments can alter the original cutting shape and angularity, which may lead to reduced instrument durability and increased risk of breakage.



LM DARK DIAMOND™

Non-stick coated instruments



LM Dark Diamond™ instruments with non-stick coating are designed for easy placing and contouring of composite resins. The diamond-like coating reduces the stickiness and allows pleasant and precise restorative instrumentation.

- Contemporary diamond-like carbon (DLC) coating reduces stickiness for smooth composite placement
- Hard surface protecting the tip from scratches
- Smooth surface for easy cleaning
- Dark coating color for minimal reflections, and maximal contrast against filling
- Ergonomic LM-ErgoSense® handle for excellent precision and feel

LM-Arte™ Dark Diamond edition

PLEASANT AND PRECISE SCULPTING OF COMPOSITE

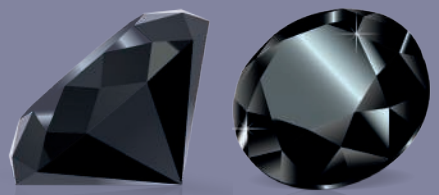
Non-stick coated LM-Arte™ Dark Diamond instruments are the latest outcome of StyleItaliano™ and LM-Dental™ collaboration featuring exclusive coating for smooth and precise non-stick placement and sculpting of composite resins.

What do the StyleItaliano™ experts say?
Scan the QR for the video.

See LM-Arte™ product range on pages 47-51.

“The sensitivity, flexibility and precision are the same as with conventional LM-Arte™ instruments, but the LM Dark Diamond™ coating eliminates the issue of resin sticking to spatulas, even for the most delicate resins.”

Dr. Paulo Monteiro Member of StyleItaliano™



LM-Dental™ and StyleItaliano™

LM-Arte™ restorative instruments

SIMPLIFYING ESTHETIC RESTORATIONS

LM-Arte™ is a range of innovative instruments for esthetic restorations that is designed especially for composite layering. Each instrument is color-coded and named after its main function, enabling you to administer easy, efficient and quick restorative treatments. The lightweight and ergonomic LM™ handle design, together with high-quality tip materials, provides excellent tactile sensitivity and easy handling for the best clinical results.

CO-OPERATION MAKING THE DIFFERENCE

LM-Arte™ instrument series has been developed in collaboration with StyleItaliano™, a group of skilled dentists who share our passion for improving dentistry.

The StyleItaliano™ movement emerged from a simple idea of two friends - Dr. Walter Devoto and Dr. Angelo Putignano. The renowned experts in conservative and esthetic dentistry had noticed that although materials suitable for creating beautiful direct restorations were available, appropriate instruments for employing these successfully were lacking. With LM-Dental™'s dedication to manufacturing excellence the unique concept of LM-Arte™ instruments was developed, and it has been a breakthrough in esthetic dentistry.



STYLEITALIANO™

BE PART OF THE SUCCESS!

Visit StyleItaliano™ website at www.styleitaliano.org for restorative clinical cases with LM-Arte™ instruments.



Follow and join the social media channels!



Choosing the handle

Choosing the most ergonomic hand instrument can make a big difference in terms of discomforts and disorders when performing dental work. It is by no means insignificant what is the diameter or material of the grip surfece of the hand instrument handle. LM™ hand instruments are available with a selection of different handles all of them exceptionally ergonomic due to the elastic silicone coating and optimized contouring. The clinician's hand fit and indication both play a role in selecting an ideal handle type. Interchanging different handles, may place the user's hand under even less strain.



COLORS, NAMING AND CODING

To facilitate color coding and brighten up working practices all the LM™ instruments come in refreshing colors. The name and the code number on the handle ease the identification of the instrument during clinical procedures and maintenance.

Handle selection



LM-ErgoSense®

The larger diameter and design provide sensational grip that has been proven to be ergonomic and efficient in scientific clinical testing.

LM-ErgoSense® handle is available with an integrated LM DTS™ RFID tag. Compatibility with the LM DTS™ offers many opportunities to improve asset management and patient safety. See page 74.



LM-ErgoMax™

Classic ergonomic design that others copy. Functions well in all clinical procedures and guarantees excellent tactile sensitivity and relaxed grip.

Codes, symbols and diameters

LMErgoSense®

ES = LM-ErgoSense® handle (Ø 13.7 mm)

EST = LM-ErgoSense® handle (**ES**) with an integrated LM DTS™ RFID tag (**T**)

LMErgoMax™

XSI = LM-ErgoMax™ handle (Ø 11.5 mm)

Special handles



LM-ErgoNorm™

The thinner handle that functions best in light clinical procedures.



LM-ErgoMix™

The LM-ErgoMix™ handle for exchangeable tips offers all the economical and ecological benefits of retipping. See page 39.



LM-ErgoSingle™

Well balanced mirror handle with better reachability.
See page 15.

LMErgoNorm™
SI = LM-ErgoNorm™ handle (Ø 8.5 mm)

LMErgoMix™
EM = LM-ErgoMix™ handle (Ø 12.5 mm)

LMErgoSingle™
ESI = LM-ErgoSingle™ handle (Ø 11.5 mm)

Choosing instruments with special coated tips

SHARPEN FREE PROPHY AND PERIO

Sharpen free LM Sharp Diamond™ coated instrument tips are made from exceptionally durable special metal alloy, and their wear resistance is enhanced by a protective micro membrane coating made using the most advanced PVD (Physical Vapor Deposition) technology. Choose sharp and work efficiently.

LMErgoSense®

SDES = LM-ErgoSense® (**ES**) handle and LM Sharp Diamond™ (**SD**) coated tips



NON-STICK TIPS FOR SMOOTH RESTORATIONS

Non-stick LM Dark Diamond™ coated instrument tips allow easy placement and contouring of composite resins. Dark coating color provides maximum contrast against the filling and reduces the reflections.



LMErgoSense®

DDES = LM-ErgoSense® (**ES**) handle and LM Dark Diamond™ (**DD**) coated tips

PATIENT SAFETY AND TRACEABILITY

Like all LM™ hand instruments with LM-ErgoSense® handle, instruments with coated tips are available with an integrated LM DTS™ RFID tag for compatibility with the LM DTS™.

SDEST / DDEST = LM-ErgoSense® (**ES**) handle with sharpen free (**SD**) or non-stick (**DD**) coated tips and an integrated LM DTS™ RFID tag (**T**)


Making dental care safe, efficient and pleasant.

MIRROR HANDLES

Simple stem

LM 25 mirror handle threads
are in accordance with international standard M2.5. The mirror shank must have a diameter of 2.5 mm.

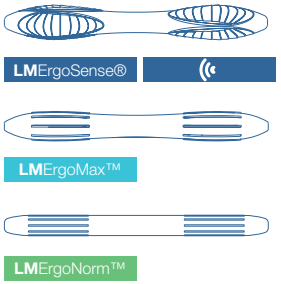
Cone socket

LM 28 mirror handle threads
are in accordance with international standard UNF4-48. The mirror shank must have a diameter of 2.6 mm.

MD CE



Handle options:



LM-ErgoSingle™ Mirror Handle

- Well balanced, better reachability
- Color options: red, grey and blue

LMErgoSingle™
- 25ESIRED
- 25ESIGREY
- 25ESIBLUE

LMErgoSingle™
- 28ESIRED
- 28ESIGREY
- 28ESIBLUE

Mirror Handle 25

- Simple stem design, single-ended
- Color options: red, grey and blue

LMErgoSense®
- 25ESRED
- 25ESGREY
- 25ESBLUE

LMErgoMax™
- 25XSIRED
- 25XSIGREY
- 25XSIBLUE

- 25ESREDT
- 25ESGREYT
- 25ESBLUET

LMErgoNorm™
- 25SIRED
- 25SIGREY
- 25SIBLUE

See pages 12-13 for instrument handle and tip coating option symbols and codes.







Simple stem

LM 25 mirror handle threads are in accordance with international standard M2.5. The mirror shank must have a diameter of 2.5 mm.

Cone socket

LM 28 mirror handle threads are in accordance with international standard UNF4-48. The mirror shank must have a diameter of 2.6 mm.

Mirror Handle 28

- Cone socket design, UNF4-48 threads, single-ended
- Color options: red, grey and blue

LMErgoSense®

- 28ESRED
- 28ESGREY
- 28ESBLUE

LMErgoMax™

- 28XSIRED
- 28XSIGREY
- 28XSIBLUE

((«

- 28ESREDT
- 28ESGREYT
- 28ESBLUET

Mirror Handle, ortho

- Orthodontic mirror handle with Bausch-Verbiest design
- For measuring the sagittal overjet and vertical overbite
- Millimeter scale, total length 25 mm

LMErgoSense®	25-26ES
((«	25-26EST
LMErgoMax™	25-26XSI

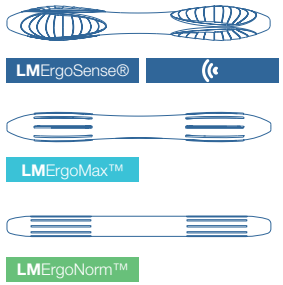
LMErgoSense®	28-26ES
((«	28-26EST
LMErgoMax™	28-26XSI

Mirror Handle JM

- For implant installation

LMErgoSense®	25-473ES
((«	25-473EST
LMErgoMax™	25-473XSI

Handle options:



See pages 12-13 for instrument handle and tip coating option symbols and codes.

EXPLORERS

For diagnosing calculus and caries and exploring of pockets, restorations and furcations.

MD CE



Explorer 5-8

- Standard explorer for diagnostic and operative procedures

LMErgoSense®	5-8ES
(«	5-8EST
LMErgoMax™	5-8XSI
LMErgoNorm™	5-8SI



Explorer 5-9

- Standard explorer for diagnostic and operative procedures

LMErgoSense®	5-9ES
(«	5-9EST
LMErgoMax™	5-9XSI
LMErgoNorm™	5-9SI



Explorer, centered 9-17C

- Standard explorer for diagnostic and operative procedures
- Especially for probing distal surfaces of posterior teeth

LMErgoSense®	9-17CES
(«	9-17CEST
LMErgoMax™	9-17CXSI
LMErgoNorm™	9-17CSI





Explorer 17-23

- For distal surfaces (17)
- Elongated lower shank and “back-action” blade (17)
- For areas in the vicinity of proximal contact surfaces (17)
- Also for probing occlusal surface grooves (23)
- For detecting subgingival calculus (23)

LMErgoSense®	17-23ES
(«	17-23EST
LMErgoMax™	17-23XSI
LMErgoNorm™	17-23SI

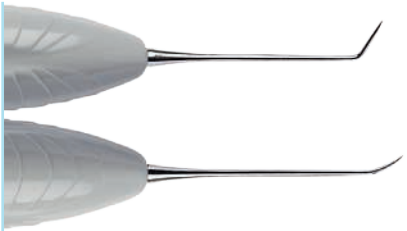


Explorer 17C-23

- For distal surfaces, centered tip (17C)
- For areas in the vicinity of proximal contact surfaces (17C)
- Also for probing occlusal surface grooves (23)
- For detecting subgingival calculus (23)

LMErgoSense®	17C-23ES
(«	17C-23EST
LMErgoMax™	17C-23XSI
LMErgoNorm™	17C-23SI





Explorer 3-6

- Standard explorer for diagnostic and operative procedures

LMErgoSense®	3-6ES
(«	3-6EST
LMErgoMax™	3-6XSI
LMErgoNorm™	3-6SI



Explorer 11-12

- Angles similar to Gracey 11/12 (211-212)
- For probing proximal and cervical caries
- For subgingival root examination

LMErgoSense®	11-12ES
(«	11-12EST
LMErgoMax™	11-12XSI
LMErgoNorm™	11-12SI



See pages 12-13 for instrument handle and tip coating option symbols and codes.



How to use



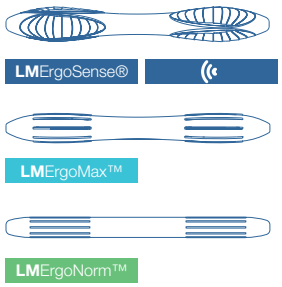




High sensitivity at seams.



Handle options:



Flexplorer 11F-12F

- Flexible explorer angulated similarly to Gracey 11/12
- Well-suited for periodontal diagnosing of subgingival calculus and probing deep pockets

LMErgoSense®	11F-12FES
	11F-12FEST
LMErgoMax™	11F-12FXSI

Explorer 18-19

- For prosthetic crowns, bridges and inlay-/onlay fillings
- Excellent sensitivity at seams

LMErgoSense®	18-19ES
	18-19EST
LMErgoMax™	18-19XSI
LMErgoNorm™	18-19SI

Explorer 29

- Holst design
- Lateral angle on the shank
- Single-ended

LMErgoSense®	29ES
	29EST
LMErgoMax™	29XSI
LMErgoNorm™	29SI

Explorer 9

- Single-ended

LMErgoSense®	9ES
	9EST
LMErgoMax™	9XSI
LMErgoNorm™	9SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

PERIODONTAL PROBES

Combination instruments for probing caries and parodontium.

- Most periodontal probes are available also in single-ended designs.
- Color-coded scales facilitate measurement of the gingival pocket

MD CE

How to use periodontal probes



Explorer – Periodontal Probe 23-52B

LMErgoSense®	23-52BES
((	23-52BEST
LMErgoMax™	23-52BXSI
LMErgoNorm™	23-52BSI



Explorer – Periodontal Probe 8-520B

LMErgoSense®	8-520BES
((	8-520BEST
LMErgoMax™	8-520BXSI
LMErgoNorm™	8-520BSI



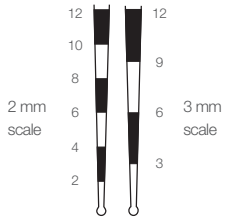
Explorer – Periodontal Probe 23-520B

LMErgoSense®	23-520BES
((	23-520BEST
LMErgoMax™	23-520BXSI
LMErgoNorm™	23-520BSI



Explorer – Periodontal Probe 23-530B

LMErgoSense®	23-530BES
((	23-530BEST
LMErgoMax™	23-530BXSI
LMErgoNorm™	23-530BSI



Ball end ø 0,5 mm

- Increases tactile sensitivity
- Does not damage tissue or pierce pocket bottom
- Gives more accurate pocket depth measurement
- Gives information on subgingival calculus and other root surface unevenness

See pages 12-13 for instrument handle and tip coating option symbols and codes.

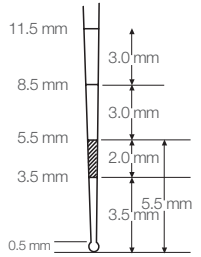


Scale
1-2-3-5-7-8-9-10









WHO probe was developed for CPITN method.

Diagnosis:

0 = healthy

1 = bleeding during probing

2 = supra- and/or subgingival calculus, filling or crown excesses

3 = gingival pockets to 5 mm

4 = pockets deeper than 6 mm

Williams Probe

- Single-ended

LMErgoSense®	51ES
	51EST
LMErgoMax™	51XSI
LMErgoNorm™	51SI

Explorer – WHO Probe 8-550B

LMErgoSense®	8-550BES
	8-550BEST
LMErgoMax™	8-550BXSI
LMErgoNorm™	8-550BSI

Explorer – WHO Probe 23-550B

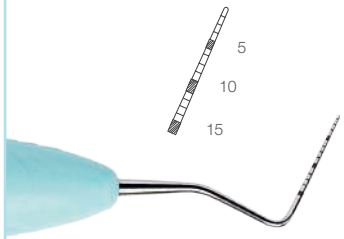
LMErgoSense®	23-550BES
	23-550BEST
LMErgoMax™	23-550BXSI
LMErgoNorm™	23-550BSI

WHO Probe 550B

- Single-ended

LMErgoSense®	550BES
	550BEST
LMErgoMax™	550BXSI
LMErgoNorm™	550BSI

See pages 12-13 for instrument handle and tip coating option symbols and codes.



North Carolina Probe 54B

- Single-ended

LMErgoSense®	54BES
((	54BEST
LMErgoMax™	54BXSI



Marquis 12 Probe 53B

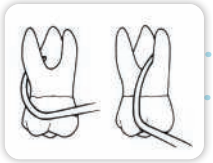
- Single-ended
- Similar to 530B but without ball end

LMErgoSense®	53BES
((	53BEST
LMErgoMax™	53BXSI

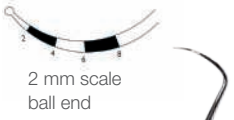
FURCATION PROBES

MD CE

For probing the extent and depth of furcation lesions.



- For probing furcation lesions from different angles, both in the upper and in the lower jaw region.



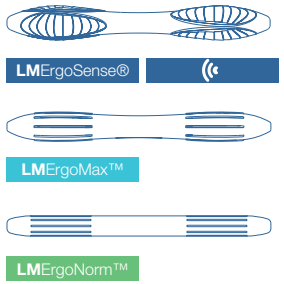
Nabers Probe

LMErgoSense®	20-21ES
((	20-21EST
LMErgoMax™	20-21XSI
LMErgoNorm™	20-21SI

Furcation Probe

LMErgoSense®	20B-21BES
((	20B-21BEST
LMErgoMax™	20B-21BXSI
LMErgoNorm™	20B-21BSI

Handle options:



See pages 12-13 for instrument handle and tip coating option symbols and codes.

SICKLE SCALERS

CE MD
0537

For the removal of supragingival calculus.

Instrumentation:

For calculus removal place the tip third of the scaler's cutting edge against the tooth. Tilt the instrument toward the tooth to achieve 70° to 80° angle between the tooth and the blade. Apply lateral pressure and activate the scaler by using vertical, diagonal or horizontal pull strokes. To maintain control use short 2–3 mm long strokes.

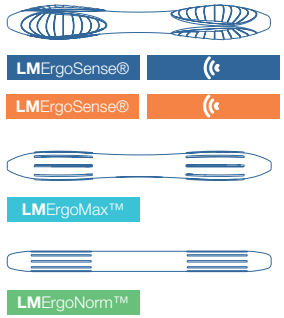


Sharpening of Sickle Scalers with LM-RondoPlus™

Design:

- Triangular cross section
- Face perpendicular to the lower shank
- Two cutting edges (red line), pointed tip

Handle options:





How to use

LM-SharpJack™ SD

- Anterior/posterior scaler
- Thin dual-edged blades for easy and efficient interproximal access
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	315-316SDES
	315-316SDEST



How to use

Sickle LM23 Slim SD

- Universal scaler for anterior and posterior areas
- Thin version of popular LM23 scaler (313-314)
- Better access to interproximal areas
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	343-344SDES
	343-344SDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.





Delicate working end. Especially for tight interdental spaces.

Micro Sickle

- Anterior/posterior scaler
- Delicate working end, elongated shank
- Ideal for tight interproximal surfaces

LMErgoSense®	301-302ES
((	301-302EST
LMErgoMax™	301-302XSI
LMErgoNorm™	301-302SI



Micro Sickle SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	301-302SDES
((	301-302SDEST

How to use





For all tooth surfaces, especially proximal surfaces.

Mini Sickle

- Universal scaler
- For all tooth surfaces
- Fine, slightly angled blade

LMErgoSense®	311-312ES
((	311-312EST
LMErgoMax™	311-312XSI
LMErgoNorm™	311-312SI



Mini Sickle SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	311-312SDES
((	311-312SDEST

How to use



Sickle LM23

- Posterior scaler
- Shorter blade and longer lower shank than in the Mini Sickle (311-312)

LMErgoSense®	313-314ES
((	313-314EST
LMErgoMax™	313-314XSI
LMErgoNorm™	313-314SI



Sickle LM23 SD

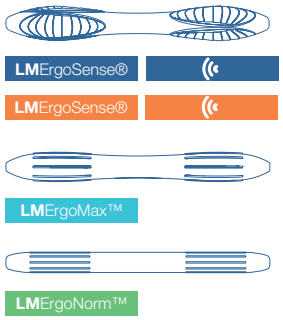
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	313-314SDES
((	313-314SDEST

How to use

See pages 12-13 for instrument handle and tip coating option symbols and codes.

Handle options:





How to use

Sickle NV1 SD

- Anterior scaler
- Sickle end for removing interproximal calculus and stain
- Disc end for lingual surfaces of incisors
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 317-318SDES

317-318SDEST



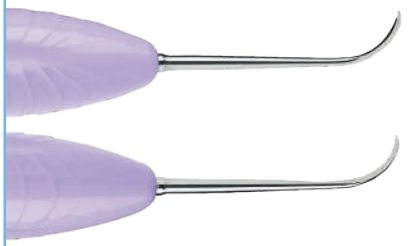
How to use

Sickle NV2 SD

- Posterior scaler
- Heavily angled long shank allows for posterior access
- Thin and long blades provide easy access to interproximals
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 319-320SDES

319-320SDEST



Scaler LM Nebraska 128

- Instrument for the anterior interproximals

LMErgoSense® 128-128ES

128-128EST

LMErgoMax™ 128-128XSI

How to use



Scaler LM Nebraska 128 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 128-128SDES

128-128SDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

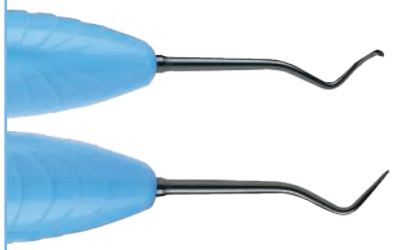


Sickle LM204S

- Sharply angulated shank and very fine working end

LMErgoSense®	303-304ES
((	303-304EST
LMErgoMax™	303-304XSI
LMErgoNorm™	303-304SI

How to use



Sickle LM204S SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	303-304SDES
((	303-304SDEST



Scaler H6-H7

- For all tooth surfaces
- Longer shank and smaller lateral bending than in LM-SharpJack™ (315-316)

LMErgoSense®	146-147ES
((	146-147EST
LMErgoMax™	146-147XSI
LMErgoNorm™	146-147SI



Scaler H6-H7 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	146-147SDES
((	146-147SDEST



Push Scaler H4-H5

- The chisel-like working end used by pushing
- The jacquette working end used by pulling
- 90° working surface

LMErgoSense®	144-145ES
((	144-145EST
LMErgoMax™	144-145XSI
LMErgoNorm™	144-145SI



Laplander

- Similar to H6-H7 (146-147) but with a lateral bending
- Easy access to molar area and proximal surfaces

LMErgoSense®	148-149ES
((	148-149EST
LMErgoMax™	148-149XSI



Crane-Kaplan

- Extremely strong, rigid, sharply angled blade
- For removal of heavy supragingival calculus

LMErgoSense®	322-323ES
((	322-323EST
LMErgoMax™	322-323XSI
LMErgoNorm™	322-323SI



Mini Kaplan

- Same angle but with a more delicate blade than in the Crane-Kaplan (322-323)

LMErgoSense®	333-334ES
((	333-334EST
LMErgoMax™	333-334XSI
LMErgoNorm™	333-334SI

How to use

See pages 12-13 for instrument handle and tip coating option symbols and codes.

DUAL GRACEYS

CE 0537 MD

LM Dual Gracey™ combines the benefits of a universal curette and a Gracey curette in one.

LM™ INNOVATION

LM Dual Gracey™ tip has two elliptical cutting edges – a mesial and a distal edge - and rounded tip. This design allows for treatment both mesial and distal tooth surfaces. LM Dual Graceys™ are suitable for vertical, horizontal and oblique scaling techniques.



How to use LM Dual Gracey™ instruments

Sharpening of LM Dual Graceys™ with LM-RondoPlus™



Effective instrumentation with Dual Gracey

Treatment case by RDH Tatiana Brandt



Syntette™

- A combination of universal curette and Gracey 11/12 and Gracey 13/14 curettes
- For removal of supra and subgingival calculus in premolar and molar areas
- For all tooth surfaces

LMErgoSense® 215-216ES
215-216EST
LMErgoMax™ 215-216XSI
LMErgoNorm™ 215-216SI



Syntette™ SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 215-216SDES
215-216SDEST



Mini Syntette™

- Excellent in tight, deep pockets
- Particularly well adapted for use on premolars' and incisors' palatinal and lingual surfaces

LMErgoSense® 215-216MES
215-216MEST
LMErgoMax™ 215-216MXSI
LMErgoNorm™ 215-216MSI



Mini Syntette™ SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 215-216MSDES
215-216MSDEST



Syntette™ Anterior SD

- A combination of universal curette and Gracey 1/2 and Gracey 7/8 curettes
- For removal of supra and subgingival calculus in premolar and anterior areas
- For all tooth surfaces
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 275-276SDES
275-276SDEST



Mini Syntette™ Anterior SD

- Excellent in narrow, deep pockets
- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense® 275-276MSDES
275-276MSDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

UNIVERSAL CURETTES

CE MD
0537

Designed for the removal of moderate and heavy calculus from all supra- and subgingival tooth surfaces.

Instrumentation:

For calculus removal place one of the cutting edges of the universal curette against the tooth surface. Tilt the instrument toward the tooth to achieve 70° to 80° angle between the tooth and the blade. Apply lateral pressure and activate the curette by using vertical, diagonal or horizontal pull strokes. Both cutting edges of the same curette can be used by simply tilting the instrument one way or the other.



Design:

- Working end perpendicular to the lower shank
- Two cutting edges (red line)
- Rounded tip

Sharpening of Universal Scalers with LM-RondoPlus™

McCALL



McCall 13S-14S

- For incisors and premolars
- Strong blade with rigid shank



LMErgoSense®	222-223ES
	222-223EST
LMErgoMax™	222-223XSI
LMErgoNorm™	222-223SI

How to use



Curette LM 15-16

- Alternative for the McCall 13S-14S (222-223)
- For removal of heavy calculus

LMErgoSense®	225-226ES
	225-226EST
LMErgoMax™	225-226XSI
LMErgoNorm™	225-226SI



Mini McCall 13S-14S

- Sharper, slightly rounded tip (not sickle-shaped)
- For deep, narrow pockets

LMErgoSense®	222-223MES
	222-223MEST
LMErgoMax™	222-223MXSI
LMErgoNorm™	222-223MSI



Mini McCall 13S-14S SD

- With sharpen free LM Sharp Diamond™ coated tips

How to use

LMErgoSense®	222-223MSDES
	222-223MSDEST



McCall 17-18

- Especially for broad molar surfaces
- Strong, uniform-width working end

How to use

LMErgoSense®	277-278ES
	227-278EST
LMErgoMax™	277-278XSI
LMErgoNorm™	277-278SI



McCall 17S-18S

- Excellent in tight interdental spaces
- More delicate blade, working end narrower than in 17–18

LMErgoSense®	279-280ES
	279-280EST
LMErgoMax™	279-280XSI
LMErgoNorm™	279-280SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

LANGER

CE MD
0537

Langer curettes combine universal curette's working end with Gracey curette's shank angulation. Angulations ease access to difficult areas and both mesial and distal surfaces can be treated with the same instrument end.



Effective instrumentation with Langer curettes

Treatment case by RDH Tatiana Brandt



Langer 3/4

- For premolars and molars in the upper jaw



LMErgoSense®	283-284ES
	283-284EST
LMErgoMax™	283-284XSI
LMErgoNorm™	283-284SI

How to use



Langer 1/2

- For premolars and molars in the lower jaw



LMErgoSense®	281-282ES
	281-282EST
LMErgoMax™	281-282XSI
LMErgoNorm™	281-282SI

How to use



Langer 5/6

- For incisors in the upper and lower jaw

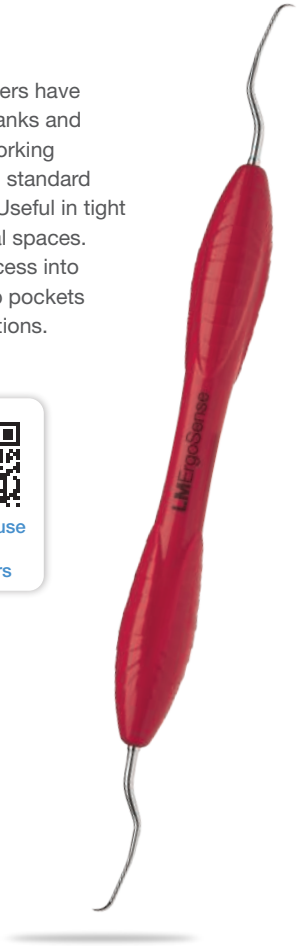


LMErgoSense®	285-286ES
	285-286EST
LMErgoMax™	285-286XSI
LMErgoNorm™	285-286SI

How to use

Mini Langers have longer shanks and shorter working ends than standard Langers. Useful in tight interdental spaces. Better access into tight deep pockets and furcations.

How to use Mini Langers





Mini Langer 3/4

- For premolars and molars in the upper jaw

LMErgoSense®	283-284MES
	283-284MEST
LMErgoMax™	283-284MXSI
LMErgoNorm™	283-284MSI





Mini Langer 1/2

- For premolars and molars in the lower jaw



LMErgoSense®	281-282MES
	281-282MEST
LMErgoMax™	281-282MXSI
LMErgoNorm™	281-282MSI

Mini Langer 5/6

- For incisors in the upper and lower jaw



LMErgoSense®	285-286MES
	285-286MEST
LMErgoMax™	285-286MXSI
LMErgoNorm™	285-286MSI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

GOLDMAN FOX

CE 0537 MD



Goldman-Fox 3

- For premolars and molars

LMErgoSense®	233-234ES
((	233-234EST
LMErgoMax™	233-234XSI
LMErgoNorm™	233-234SI

COLUMBIA

CE 0537 MD



Columbia 4L-4R

- For incisors, canines and premolars
- For heavier calculus

LMErgoSense®	219-220ES
((	219-220EST
LMErgoMax™	219-220XSI
LMErgoNorm™	219-220SI

How to use



Columbia 4L-4R SD

- With sharpen free LM Sharp Diamond™ coated tips

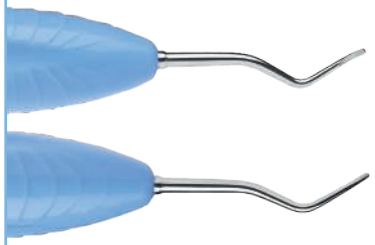
LMErgoSense®	219-220SDES
((	219-220SDEST



Columbia 2L-2R

- For incisors and premolars

LMErgoSense®	217-218ES
((	217-218EST
LMErgoMax™	217-218XSI
LMErgoNorm™	217-218SI



Columbia 13-14

- For molars

LMErgoSense®	237-238ES
((	237-238EST
LMErgoMax™	237-238XSI
LMErgoNorm™	237-238SI

BARNHART

CE 0537 MD



Barnhart 5-6

- For molars
- Shorter lower shank

LMErgoSense®	227-228ES
((	227-228EST
LMErgoMax™	227-228XSI

How to use



Barnhart 5-6 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	227-228SDES
((	227-228SDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

DIAMOND FILES

CE MD
0537

Diamond coated files are designed for cleaning deep concave root surfaces in anatomically difficult areas.

Can be used with multidirectional strokes.



Concavity Diamond File SV 5-6

- Diamond coated round curved toe
- For acute furcation lesions



LMErgoSense®	255-256DES
((	255-256DEST
LMErgoMax™	255-256DXSI
LMErgoNorm™	255-256DSI

How to use



Diamond File mes-dist

- Extremely delicate diamond coated instrument for definitive scaling of the root surface
- Easy access with a fine, flexible blade in mesial-distal line angles and developmental grooves

LMErgoSense®	263-264DES
((	263-264DEST
LMErgoMax™	263-264DXSI





Furcation Diamond File SV 7-8

- Diamond coated egg-shaped toe
- For deep furcation lesions



LMErgoSense®	257-258DES
((	257-258DEST
LMErgoMax™	257-258DXSI
LMErgoNorm™	257-258DSI

How to use



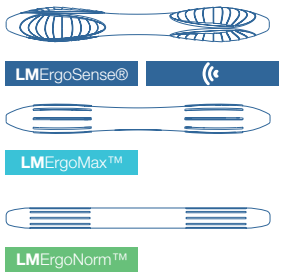
Furcation Diamond File

- Extremely delicate diamond coated instrument for definitive calculus removal in furcations and root depressions
- Easy access with a fine, flexible blade design

LMErgoSense®	261-262DES
((	261-262DEST
LMErgoMax™	261-262DXSI



Handle options:



FURCATION INSTRUMENT

CE MD
0537

Well-suited for the cleaning of the furcations of multi rooted teeth.





Furcator KS

LMErgoSense®	259-260ES
((	259-260EST
LMErgoMax™	259-260XSI

How to use

- Delicate, angled excavator
- Suitable also for the cleaning of narrow approximal concavities and grooves in incisors and premolars
- For cleaning of the furcation roof and inner surfaces, particularly concavations and grooves in them

See pages 12-13 for instrument handle and tip coating option symbols and codes.

HOE SCALERS CE 0537 MD

For the removal of supra- and subgingival calculus.

Suitable for deep, narrow pockets and concave root surfaces. For both vertical and horizontal techniques.



How to use Hoe Scalers

Design:

- Fine hoe-shaped blade with rounded corners
- Elliptical cutting edge

Sharpening of Hoe Scalers with LM-RondoPlus™







Hoe Scaler, anterior

- For the anterior labial and lingual surfaces
- Works well also with lower incisors that are orally inclined

LMErgoSense®	112-113ES
	112-113EST
LMErgoMax™	112-113XSI
LMErgoNorm™	112-113SI



Hoe Scaler, lateral

- For the buccal and lingual surfaces of all teeth
- Can also be used for furcations

LMErgoSense®	134-135ES
	134-135EST
LMErgoMax™	134-135XSI
LMErgoNorm™	134-135SI



Hoe Scaler, posterior

- For the mesial and distal surfaces of molars
- Can also be used for furcations

LMErgoSense®	156-157ES
	156-157EST
LMErgoMax™	156-157XSI
LMErgoNorm™	156-157SI



See pages 12-13 for instrument handle and tip coating option symbols and codes.

I CHOOSE TO WORK SMART.

I love LM Sharp Diamond™ instruments. As a regular user, their superior sharpness, tactile sensitivity, and comfort have truly made a difference in my practice.

With the ergonomic LM-ErgoSense® handle, these instruments feel like natural extensions of my hands, perfectly designed for all forms of scaling. What's truly impressive is their durability. These instruments maintain their original functionality, size, and shape throughout their lifetime, freeing me from frequent maintenance. This saved time is better spent promoting health and crafting beautiful smiles.

The standout feature? Their sharpen free design. Crafted from a durable special metal alloy and enhanced with a protective micro membrane coating, these tools are built to last, enabling me to work efficiently effortlessly. My personal favorite is the LM Dual Gracey™. It's more than just an instrument; it's my partner in delivering exceptional oral health care.



With LM Sharp Diamond™, I'm not just doing my job - I'm perfecting it. I choose to work smart. I choose to work efficiently. I choose LM Sharp Diamond™.

Dr. Joy Void-Holmes

RDH, BSDH, DHSc
CEO and Founder of Dr. Joy

GRACEY CURETTES

CE 0537 MD

Area specific curettes for the removal of deep subgingival calculus.
For the finishing of subgingival root surfaces.



Design:

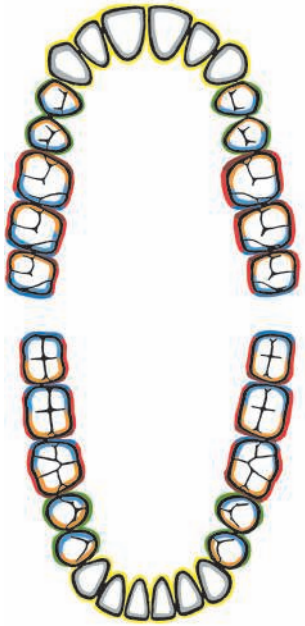
- Working surface inclined 20° to the lower shank
- One curved cutting edge (red line)
- Rounded cutting tip

Sharpening of Gracey Curettes with LM-RondoPlus™

Instrumentation:

Place the tip third or half of the cutting edge of a Gracey curette against the tooth surface. The larger outer curve is always the cutting edge. Make sure that the lower shank is parallel with the tooth surface. For calculus removal apply moderate and for root planing light lateral pressure and activate the curette by using vertical, diagonal or horizontal pull strokes.

Area specific indications for Gracey curettes



Incisors

- All surfaces
- Gracey 1/2
- Gracey 5/6
- Gracey 3/4

Premolars and molars

- Buccal-lingual
- Gracey 7/8
- Gracey 9/10
- Mesial
- Gracey 11/12
- Gracey 15/16
- Distal
- Gracey 13/14
- Gracey 17/18

See pages 12-13 for instrument handle and tip coating option symbols and codes.



Effective instrumentation with Gracey curettes

- Mini Gracey 1/2
- Mini Gracey 11/12
- Macro Gracey 13/14
- Mini Sickle

Treatment case by RDH Tatiana Brandt

STANDARD AND MINI GRACEY

CE 0537 MD

Mini Gracey has longer lower shank and smaller working end than in the standard model. Functions well in deep narrow pockets.



Gracey 1/2

- For incisors and premolars



LMErgoSense®	201-202ES
	201-202EST
LMErgoMax™	201-202XSI
LMErgoNorm™	201-202SI

How to use



Gracey 1/2 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	201-202SDES
	201-202SDEST



Mini Gracey 1/2

- For incisors and premolars

LMErgoSense®	201-202MES
	201-202MEST
LMErgoMax™	201-202MXSI
LMErgoNorm™	201-202MSI

How to use



Mini Gracey 1/2 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	201-202MSDES
	201-202MSDEST



Gracey 3/4

- For incisors and premolars



LMErgoSense®	203-204ES
	203-204EST
LMErgoMax™	203-204XSI
LMErgoNorm™	203-204SI

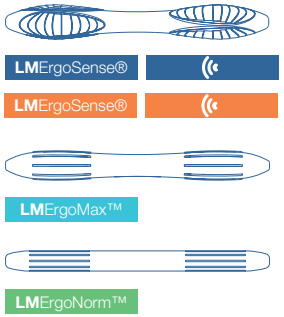


Gracey P3-P4

- Short shank makes the instrument more rigid

LMErgoSense®	266-267ES
	266-267EST
LMErgoMax™	266-267XSI
LMErgoNorm™	266-267SI

Handle options:



See pages 12-13 for instrument handle and tip coating option symbols and codes.





Gracey 5/6

- For incisors and premolars
- Especially useful in proximal surfaces

LMErgoSense®	205-206ES
(«	205-206EST
LMErgoMax™	205-206XSI
LMErgoNorm™	205-206SI



Gracey 7/8

- For premolars and molars
- For buccal, mesial and lingual surfaces

LMErgoSense®	207-208ES
(«	207-208EST
LMErgoMax™	207-208XSI
LMErgoNorm™	207-208SI



How to use



Gracey 7/8 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	207-208SDES
(«	207-208SDEST



Mini Gracey 7/8

- For premolars and molars
- For buccal, mesial and lingual surfaces

LMErgoSense®	207-208MES
(«	207-208MEST
LMErgoMax™	207-208MXSI
LMErgoNorm™	207-208MSI



Mini Gracey 7/8 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	207-208MSDES
(«	207-208MSDEST



Gracey 9/10

- For molars' buccal and lingual surfaces using horizontal technique

LMErgoSense®	209-210ES
(«	209-210EST
LMErgoMax™	209-210XSI
LMErgoNorm™	209-210SI



How to use



Gracey 9/10 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	209-210SDES
(«	209-210SDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.



Gracey 11/12

- For premolars' and molars' mesial surfaces

LMErgoSense®	211-212ES
	211-212EST
LMErgoMax™	211-212XSI
LMErgoNorm™	211-212SI

How to use



Gracey 11/12 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	211-212SDES
	211-212SDEST



Mini Gracey 11/12

- For premolars' and molars' mesial surfaces

LMErgoSense®	211-212MES
	211-212MEST
LMErgoMax™	211-212MXSI
LMErgoNorm™	211-212MSI



Mini Gracey 11/12 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	211-212MSDES
	211-212MSDEST



Gracey 13/14

- For premolars' and molars' distal surfaces

LMErgoSense®	213-214ES
	213-214EST
LMErgoMax™	213-214XSI
LMErgoNorm™	213-214SI

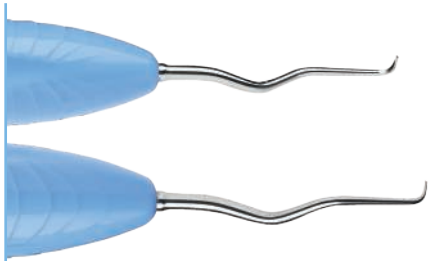
How to use



Gracey 13/14 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	213-214SDES
	213-214SDEST



Mini Gracey 13/14

- For premolars' and molars' distal surfaces

LMErgoSense®	213-214MES
	213-214MEST
LMErgoMax™	213-214MXSI
LMErgoNorm™	213-214MSI



Mini Gracey 13/14 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	213-214MSDES
	213-214MSDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.



Gracey 15/16

- For molars' mesial surfaces
- Blade shank more sharply angulated than in Gracey 11/12 for better access

LMErgoSense®	245-246ES
	245-246EST
LMErgoMax™	245-246XSI
LMErgoNorm™	245-246SI

How to use

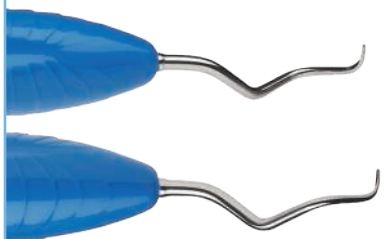


Mini Gracey 15/16

- Blade shank more sharply angulated than in Mini Gracey 11/12 for better access

LMErgoSense®	245-246MES
	245-246MEST
LMErgoMax™	245-246MXSI
LMErgoNorm™	245-246MSI

How to use

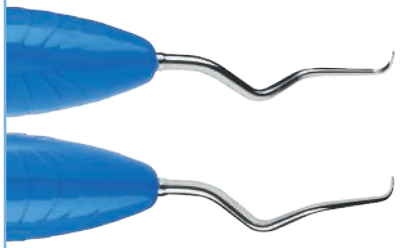


Gracey 17/18

- For molars' distal surfaces
- Blade shank more sharply angulated than in Gracey 13/14 for better access

LMErgoSense®	247-248ES
	247-248EST
LMErgoMax™	247-248XSI
LMErgoNorm™	247-248SI

How to use



Mini Gracey 17/18

- Blade shank more sharply angulated than in Mini Gracey 13/14 for better access

LMErgoSense®	247-248MES
	247-248MEST
LMErgoMax™	247-248MXSI
LMErgoNorm™	247-248MSI

How to use



Gracey 15/16 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	245-246SDES
	245-246SDEST



Mini Gracey 15/16 SD

- With sharpen free LMSharp Diamond™ coated tips

LMErgoSense®	245-246MSDES
	245-246MSDEST



Gracey 17/18 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	247-248SDES
	247-248SDEST



Mini Gracey 17/18 SD

- With sharpen free LM Sharp Diamond™ coated tips

LMErgoSense®	247-248MSDES
	247-248MSDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

MACRO GRACEY

CE 0537 MD

Standard model's long working end combined with mini model's longer lower shank. Excellent reach interdentally in deep pockets.

Macro Gracey 5/6

- For incisors and premolars
- Especially useful in proximal surfaces

LMErgoSense®	205-206AFES
((	205-206AFEST
LMErgoMax™	205-206AFXSI
LMErgoNorm™	205-206AFSI

Macro Gracey 7/8

- For premolars and molars
- For buccal, mesial and lingual surfaces

LMErgoSense®	207-208AFES
((	207-208AFEST
LMErgoMax™	207-208AFXSI
LMErgoNorm™	207-208AFSI

Macro Gracey 11/12

- For premolars' and molars' mesial surfaces

LMErgoSense®	211-212AFES
((	211-212AFEST
LMErgoMax™	211-212AFXSI
LMErgoNorm™	211-212AFSI

Macro Gracey 13/14

- For premolars' and molars' distal surfaces

LMErgoSense®	213-214AFES
((	213-214AFEST
LMErgoMax™	213-214AFXSI
LMErgoNorm™	213-214AFSI

RIGID GRACEY

CE 0537 MD

Blade shank thicker and more rigid, and working end slightly wider than in the standard model. Permits the use of greater pressure.

Rigid Gracey 1/2

- For incisors and premolars

LMErgoSense®	201-202RES
((	201-202REST
LMErgoMax™	201-202RXSI
LMErgoNorm™	201-202RSI

Rigid Gracey 7/8

- For premolars and molars
- For buccal, mesial and lingual surfaces

LMErgoSense®	207-208RES
((	207-208REST
LMErgoMax™	207-208RXSI
LMErgoNorm™	207-208RSI

Rigid Gracey 11/12

- For premolars' and molars' mesial surfaces

LMErgoSense®	211-212RES
((	211-212REST
LMErgoMax™	211-212RXSI
LMErgoNorm™	211-212RSI

Rigid Gracey 13/14

- For premolars' and molars' distal surfaces

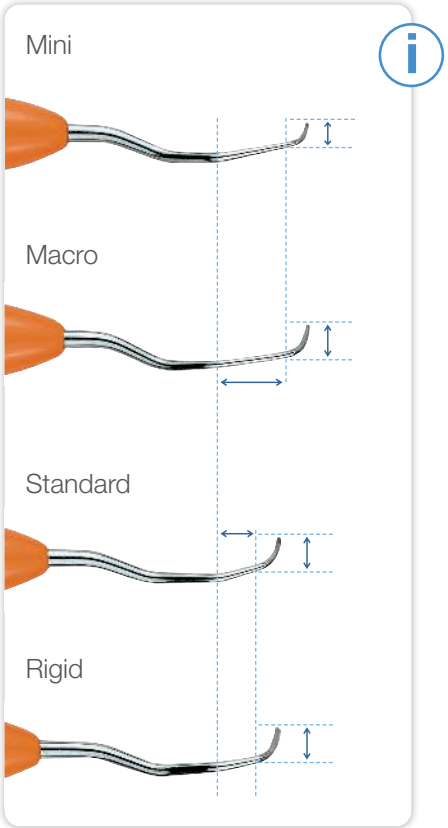
LMErgoSense®	213-214RES
((	213-214REST
LMErgoMax™	213-214RXSI
LMErgoNorm™	213-214RSI

Rigid Gracey 15/16

- For molars' mesial surfaces
- Blade shank more sharply angulated than in Gracey 11/12 for better access

LMErgoSense®	245-246RES
((	245-246REST
LMErgoMax™	245-246RXSI
LMErgoNorm™	245-246RSI

The types of Gracey curettes:



See pages 12-13 for instrument handle and tip coating option symbols and codes.

MESIAL-DISTAL GRACEY

CE 0537 MD

Combining a mesial and a distal working end in one instrument. Useful when treating one quadrant at a time.



Gracey 11/14

LMErgoSense®	211-214ES
((	211-214EST
LMErgoMax™	211-214XSI
LMErgoNorm™	211-214SI

Gracey 12/13

LMErgoSense®	212-213ES
((	212-213EST
LMErgoMax™	212-213XSI
LMErgoNorm™	212-213SI

Gracey 15/18

LMErgoSense®	245-248ES
((	245-248EST
LMErgoMax™	245-248XSI
LMErgoNorm™	245-248SI

Gracey 16/17

LMErgoSense®	246-247ES
((	246-247EST
LMErgoMax™	246-247XSI
LMErgoNorm™	246-247SI

MINI MESIAL-DISTAL GRACEY

Mini models have longer lower shank and smaller working end than the standard model. Functions well in deep narrow pockets.

Mini Gracey 11/14

LMErgoSense®	211-214MES
((	211-214MEST
LMErgoMax™	211-214MXSI
LMErgoNorm™	211-214MSI

Mini Gracey 12/13

LMErgoSense®	212-213MES
((	212-213MEST
LMErgoMax™	212-213MXSI
LMErgoNorm™	212-213MSI

Mini Gracey 15/18

LMErgoSense®	245-248MES
((	245-248MEST
LMErgoMax™	245-248MXSI
LMErgoNorm™	245-248MSI

Mini Gracey 16/17

LMErgoSense®	246-247MES
((	246-247MEST
LMErgoMax™	246-247MXSI
LMErgoNorm™	246-247MSI

MACRO MESIAL-DISTAL GRACEY

Macro models have standard model's long working end combined with mini model's longer lower shank. Excellent reach interdentally in deep pockets.

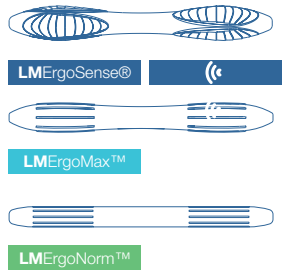
Macro Gracey 11/14

LMErgoSense®	211-214AFES
((	211-214AFEST
LMErgoMax™	211-214AFXSI
LMErgoNorm™	211-214AFSI

Macro Gracey 12/13

LMErgoSense®	212-213AFES
((	212-213AFEST
LMErgoMax™	212-213AFXSI
LMErgoNorm™	212-213AFSI

Handle options:



See pages 12-13 for instrument handle and tip coating option symbols and codes.

EXCHANGEABLE TITANIUM TIPS FOR IMPLANTS

CE MD
0537

LMErgoMix™

A great instrument series for implant maintenance. The LM-ErgoMix™ structure ensures excellent tactile sensitivity and optimal rigidity.

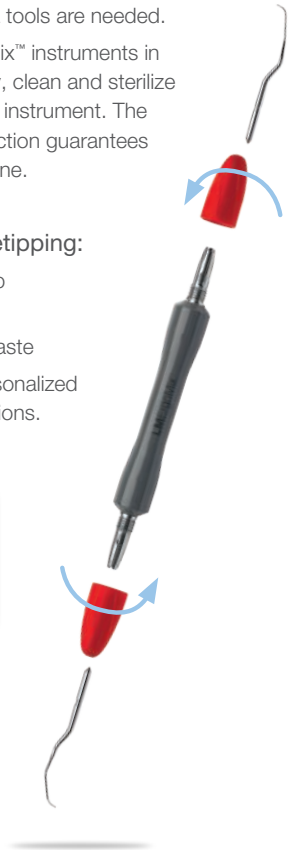
LM-ErgoMix™ hand instrument series offers the dental team a specially economical, ecological and ergonomic alternative. Whenever there is a need for a tip replacement the lock grip is opened, a new tip is inserted and the lock grip is closed again. No extra tools are needed.

Use LM-ErgoMix™ instruments in the normal way, clean and sterilize it like any other instrument. The sealed construction guarantees high level hygiene.

Benefits of retipping:

- Always sharp instruments
- Minimizes waste
- Enables personalized tip combinations.

How to use





Titanium tips for sensitive but still effective implant maintenance.



Implant Mini Universal curette

- Delicate working end
- Especially for tight interdental spaces

LMErgoMix™ 283-284MTIEM



Implant Mini Gracey 1/2

- For incisors and premolars

LMErgoMix™ 201-202MTIEM



Implant Mini Gracey 11/12

- For premolars' and molars' mesial surfaces

LMErgoMix™ 211-212MTIEM



Implant Mini Gracey 13/14

- For premolars' and molars' distal surfaces

LMErgoMix™ 213-214MTIEM

LM-ErgoMix™ spare parts

Spare handle	
LM-ErgoMix™ handle dark grey	9011EM
Spare lock grips	
Orange	9020EM
Light blue	9021EM
Grey	9022EM
Yellow	9023EM
Dark grey	9024EM
Red	9025EM
Spare titanium tips	
Implant Mini Universal Curette L	283MTIEM
Implant Mini Universal Curette R	284MTIEM
Implant Mini Gracey 1	201MTIEM
Implant Mini Gracey 2	202MTIEM
Implant Mini Gracey 11	211MTIEM
Implant Mini Gracey 12	212MTIEM
Implant Mini Gracey 13	213MTIEM
Implant Mini Gracey 14	214MTIEM

See pages 12-13 for instrument handle and tip coating option symbols and codes.

PERIODONTAL INSTRUMENT SETS

CE MD
0537







LM-PerioSet 1

LMErgoSense® 6652ES
LMErgoMax™ 6652XSI

Includes:
- Mini Sickle
- Curette McCall 17-18
- Gracey 1/2
- Gracey 11/12
- Gracey 13/14
- LM-Servo™ 5 cassette

LM-PerioSet 2

LMErgoSense® 6682ES
LMErgoMax™ 6682XSI

Includes:
- Mini Sickle
- Curette McCall 17-18
- Gracey 1/2
- Gracey 9/10
- Gracey 11/12
- Gracey 13/14
- Mini Gracey 15/16
- Mini Gracey 17/18
- LM-Servo™ 8 cassette

LM-PerioKit

LMErgoSense® 6842ES

Includes:
- Implant Mini Universal curette
- Concavity File SV 5-6
  Mini Gracey 13-14
- Mini Gracey 11-12
- Mini Gracey 7-8
- McCall 17S-18S
- North Carolina Probe
- Furcation Probe
- LM-Servo™ 8 cassette

The LM-PerioKit by StyleItaliano™ contains the essentials for the best possible therapy.

Instruments have been selected in the spirit of StyleItaliano™ whose philosophy is to make treatment feasible, teachable, repeatable. Periodontal therapy too can follow this approach. It's my feeling that, in the best interest of his patients, every practitioner should be able to properly execute non surgical therapy, crown lengthening procedures, free gingival grafts, simpler surgical root coverages."

Dr. Giano Ricci
MD, DDS, MScD

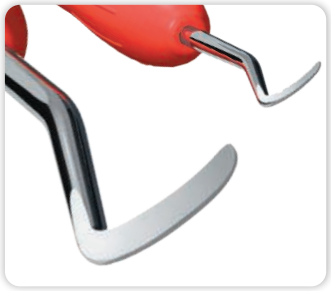


See pages 12-13 for instrument handle and tip coating option symbols and codes.

SPOON EXCAVATORS

CE MD
0537

For the removal of softened carious dentin and temporary fillings.



Design:

- Spoon-shaped working end
- Rounded tip
- Long cutting edge, which can easily treat broader areas



Spoon Excavator, 1.0 mm

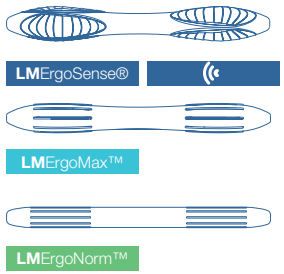
LMErgoSense®	522-523ES
	522-523EST
LMErgoMax™	522-523XSI
LMErgoNorm™	522-523SI



Spoon Excavator, 1.5 mm

LMErgoSense®	533-534ES
	533-534EST
LMErgoMax™	533-534XSI
LMErgoNorm™	533-534SI

Handle options:



ROUND EXCAVATORS

CE MD
0537

Cariology:

- For the removal of softened, carious dentin
- For the removal of temporary fillings

Surgery:

- To sever the periodontal ligament prior to extraction
- For the removal of granulation tissue after extraction



Design:

- Round working end
- Curved cutting edge

Sharpening of Round Excavators with LM-RondoPlus™



Round Excavator, 1.0 mm

LMErgoSense®	61-62ES
	61-62EST
LMErgoMax™	61-62XSI
LMErgoNorm™	61-62SI



Round Excavator, 1.5 mm

LMErgoSense®	63-64ES
	63-64EST
LMErgoMax™	63-64XSI
LMErgoNorm™	63-64SI



Round Excavator, 2.0 mm

LMErgoSense®	65-66ES
	65-66EST
LMErgoMax™	65-66XSI
LMErgoNorm™	65-66SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

TRIPLE-ANGLED BACK ACTION EXCAVATORS

CE 0537 MD

Cariology:

- For removing carious dentin
- For undermining enamel during tissue-saving preparations
- For the horizontal finishing of outer cavity margins

Periodontics:

- For the removal of calculus from hard to reach areas such as the lower anterior lingual surfaces
- For the depuration of concave root grooves and furcations

Surgery:

- For the removal of granulation tissue in connection with apical resections, flap operations, or extractions

Design:

- Round working end and curved cutting edge
- Shank angulations ease treatments on hard to reach buccal, distal, and lingual surfaces



The blade shank is triple-angled, allowing for "back action" functions



Sharpening of TA Back Action Excavators with LM-RondoPlus™



Triple-angled Back Action Excavator, 1.0 mm

LMErgoSense®	611-621ES
((	611-621EST
LMErgoMax™	611-621XSI
LMErgoNorm™	611-621SI



Triple-angled Back Action Excavator, 1.5 mm

LMErgoSense®	631-641ES
((	631-641EST
LMErgoMax™	631-641XSI
LMErgoNorm™	631-641SI



Triple-angled Back Action Excavator, 2.0 mm

LMErgoSense®	651-661ES
((	651-661EST
LMErgoMax™	651-661XSI
LMErgoNorm™	651-661SI



Triple-angled Back Action Excavator, 3.5 mm

- For the horizontal finishing of outer cavity margins

LMErgoSense®	671-681ES
((	671-681EST
LMErgoMax™	671-681XSI
LMErgoNorm™	671-681SI

ENAMEL CHISEL

MD CE



Enamel Chisel

- For precise margin trimming and refining of enamel finishing lines

LMErgoSense®	132-133ES
((	132-133EST
LMErgoMax™	132-133XSI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

GINGIVAL MARGIN TRIMMERS

CE 0537 MD

For finishing enamel margins in the proximal area as well as for making plastic, amalgam and ceramic fillings.

Sharpening of Gingival Margin Trimmers with LM-RondoPlus™





Gingival Margin Trimmer, 1.2 mm, distal

LMErgoSense®	121-122ES
	121-122EST
LMErgoMax™	121-122XSI
LMErgoNorm™	121-122SI

Gingival Margin Trimmer, 1.2 mm, mesial

LMErgoSense®	125-126ES
	125-126EST
LMErgoMax™	125-126XSI
LMErgoNorm™	125-126SI

PACKERS

MD CE

For packing retraction cord into the gingival pocket.

The bent blade enables getting around the tooth as well as the packing of the cord using vertical motions.









Cord Packer, 2.0 mm

LMErgoSense®	490-491ES
	490-491EST
LMErgoMax™	490-491XSI
LMErgoNorm™	490-491SI

Cord Packer, 2.6 mm

LMErgoSense®	492-493ES
	492-493EST
LMErgoMax™	492-493XSI
LMErgoNorm™	492-493SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.



Teflon Packer 1.2 mm

- For inserting and manipulating Teflon tape or retraction cord

LMErgoSense®	470-480ES
((	470-480EST
LMErgoMax™	470-480XSI

BASE CARRIERS

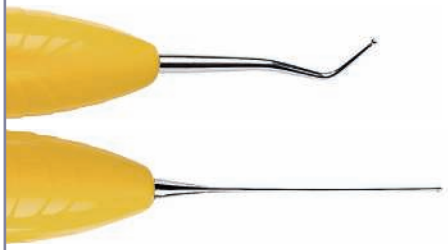
MD CE

For carrying base or thin liner to dentin surfaces.



Base Carrier, rigid

LMErgoSense®	29H-30HES
((	29H-30HEST
LMErgoMax™	29H-30HXSI
LMErgoNorm™	29H-30HSI



Base Carrier – Condenser, malleable tip

- Tip (30) can be bent into the desired form, allowing for easier access to hard to reach areas

LMErgoSense®	30-34ES
((	30-34EST
LMErgoMax™	30-34XSI
LMErgoNorm™	30-34SI



Base Carrier - Condenser, rigid

LMErgoSense®	30H-34ES
((	30H-34EST
LMErgoMax™	30H-34XSI
LMErgoNorm™	30H-34SI

PLUGGERS

For packing all types of filling materials.

MD CE



Plugger, cylindrical, 0.7-1.0 mm DD

- Delicate cylindrical plugger with LM Dark Diamond™ non-stick coated tips

LMErgoSense®	335-340DDES
((	335-340DDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

BURNISHERS

For burnishing, modelling and finishing of fillings.

MD CE



Plugger, cylindrical, 1.0-1.5 mm

LMErgoSense®	340-360ES
	340-360EST
LMErgoMax™	340-360XSI
LMErgoNorm™	340-360SI



Plugger, cylindrical, 1.2-2.0 mm

LMErgoSense®	350-380ES
	350-380EST
LMErgoMax™	350-380XSI
LMErgoNorm™	350-380SI



Plugger, cylindrical, 1.8-2.5 mm

LMErgoSense®	370-390ES
	370-390EST
LMErgoMax™	370-390XSI
LMErgoNorm™	370-390SI



Burnisher

- For burnishing fillings at cavity margins
- For packing and shaping of composite fillings
- For packing of inlay-/onlay fillings

LMErgoSense®	31-32ES
	31-32EST
LMErgoMax™	31-32XSI
LMErgoNorm™	31-32SI



Burnisher DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	31-32DDES
	31-32DDEST



Burnisher – Plugger, ball-ended, 1.5-2.5 mm

- For plugging filling into cavity
- For polishing
- For plugging and shaping of composite fillings

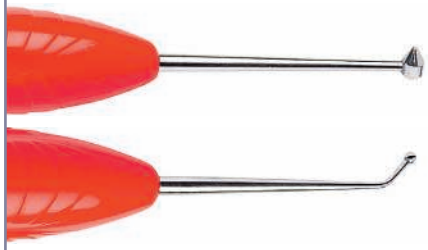
LMErgoSense®	471-473ES
	471-473EST
LMErgoMax™	471-473XSI
LMErgoNorm™	471-473SI



Burnisher – Plugger DD, ball-ended, 1.5-2.5 mm

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	471-473DDES
	471-473DDEST

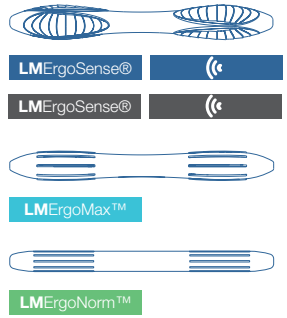


Burnisher 27–29

- For shaping of occlusal surfaces
- For burnishing of fillings at cavity margins

LMErgoSense®	476-477ES
	476-477EST
LMErgoMax™	476-477XSI
LMErgoNorm™	476-477SI

Handle options:



See pages 12-13 for instrument handle and tip coating option symbols and codes.

LM™ PREPARE AND BUILD-UP INSTRUMENTS

MD CE

LM™ Prepare and Build-up Kit instruments streamline indirect restorative workflows by improving predictability and durability while reducing clinical stress. Developed with Dr. Rui Falacho, the kit features three purpose-designed instruments bringing greater control and confidence to indirect restorations.

How to use

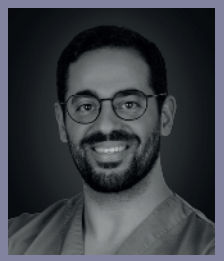








LM™ Prepare and Build-up Kit is developed in cooperation with Dr Rui Falacho.



Dr Rui Falacho

Dentist, researcher and international lecturer

LM™ Prepare and Build-up Kit

Includes:
- LM™ Build-up Base DD
- LM™ Build-up Shaper DD
- LM™ Build-up Trimmer
- LM-Servo™ 5 cassette

LMErgoSense® 6811ES

LM™ Build-up Base DD

- For enhancing precision and control during the foundational steps of indirect restorative workflows
- Simplifies material application and cavity shaping
- LM Dark Diamond™ non-stick coated tips

LMErgoSense® 485-707DDES

((485-707DDEST

LM™ Build-up Shaper DD

- Enables precise, guided creation of preparation walls and finishing lines in building-up process of indirect restoration
- Shaping composite resin with minimal effort ensuring accurate geometry, optimal angulation and preservation of tooth structure
- Reduces need of post-restoration adjustments
- LM Dark Diamond™ non-stick coated tips

LMErgoSense® 352-353DDES

((352-353DDEST

LM™ Build-up Trimmer

- For refining, trimming and finishing preparation walls and margins
- Provides optimal preparation refinement
- Excess removal without damaging enamel or tooth

LMErgoSense® 130-131ES

((130-131EST

LMErgoMax™ 130-131XSI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

LM-ARTE™ INSTRUMENTS FOR ESTHETIC RESTORATIONS

MD CE

LM-Arte™ is an innovative instrument series developed in co-operation with StyleItaliano™



LM-Arte™ Solo Anterior

- LM-Arte™ Solo instruments are special duo for simplifying daily restoration cases
- For high-end esthetic anterior restorations
- Rounded and straight spatulas are designed for modeling anterior teeth, especially labial surfaces

LMErgoSense®	431-433ES
((	431-433EST
LMErgoMax™	431-433XSI

How to use



LM-Arte™ Solo Posterior

- LM-Arte™ Solo instruments are special duo for simplifying daily restoration cases
- For high-end posterior composite restorations
- The plugger end for bulk filling and composite material modeling - the sharp end enables contouring of the occlusal surface anatomy

LMErgoSense®	434-438ES
((	434-438EST
LMErgoMax™	434-438XSI

NEW!



LM-Arte™ Replica Anterior

- Instrument for anterior composite restorations combining simplicity and efficiency by boosting the entire workflow
- Excellent to Adapt, Shape and Replicate the surface anatomy of the tooth

LMErgoSense®	451-452ES
((	451-452EST
LMErgoMax™	451-452XSI

How to use



LM-Arte™ Replica Posterior

- Instrument for easy occlusal modeling of posterior teeth in direct composite restorations
- Occlusal anatomy of single tooth is guided by buccal cusps using replica technique: Adapt, Shape, Replicate
- Concave and convex tip profiles

LMErgoSense®	448-449ES
((	448-449EST
LMErgoMax™	448-449XSI

How to use

NEW!



LM-Arte™ Solo Anterior DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	431-433DDES
((	431-433DDEST

NEW!



LM-Arte™ Solo Posterior DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	434-438DDES
((	434-438DDEST

NEW!



LM-Arte™ Replica Anterior DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	451-452DDES
((	451-452DDEST

NEW!



LM-Arte™ Replica Posterior DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	448-449DDES
((	448-449DDEST

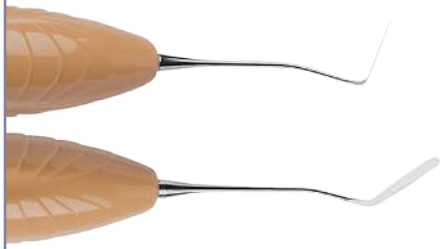


LM-Arte™ Replica instruments are developed in cooperation with Dr. Osama Shaalan

Dr. Osama Shaalan
Member of StyleItaliano™

See pages 12-13 for instrument handle and tip coating option symbols and codes.

STYLE ITALIANO™



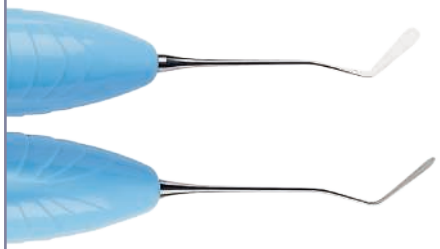
LM-Arte™ Applica

- A very thin and flexible spatula for transporting and modeling of the composite



LMErgoSense® 46-49ES
46-49EST
LMErgoMax™ 46-49XSI

How to use



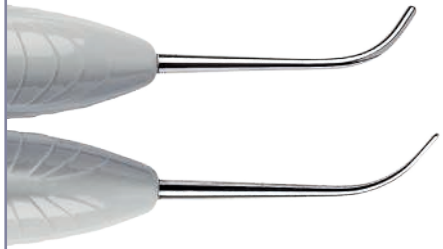
LM-Arte™ Modella

- A very thin and flexible spatula for transporting and modeling of the composite



LMErgoSense® 442-443ES
442-443EST
LMErgoMax™ 442-443XSI

How to use



LM-Arte™ Condensa

- A long and round plugger especially for modeling composite



LMErgoSense® 488-489ES
488-489EST
LMErgoMax™ 488-489XSI

How to use



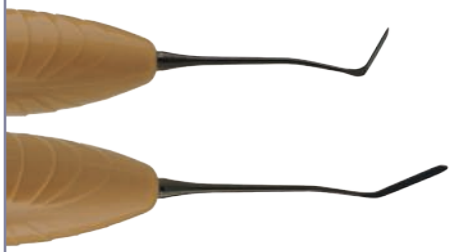
LM-Arte™ Fissura

- Sharp pointed tips for modeling of occlusal surface structures



LMErgoSense® 481-487ES
481-487EST
LMErgoMax™ 481-487XSI

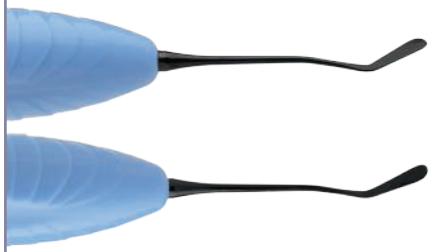
How to use



LM-Arte™ Applica DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense® 46-49DDES
46-49DDEST



LM-Arte™ Modella DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense® 442-443DDES
442-443DDEST



LM-Arte™ Condensa DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense® 488-489DDES
488-489DDEST



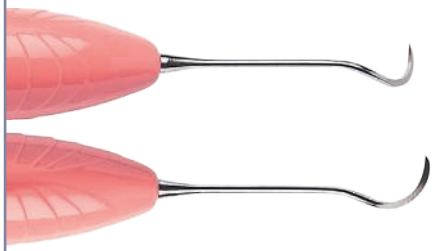
LM-Arte™ Fissura DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense® 481-487DDES
481-487DDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

STYLE ITALIANO™



LM-Arte™ Eccesso

- For the removal of composite and bonding residue



LMErgoSense®	307-308ES
	307-308EST
LMErgoMax™	307-308XSI

How to use



LM-Arte™ Misura

- For horizontal and vertical measuring of thickness of composite layers on the restorations



LMErgoSense®	496-497ES
	496-497EST
LMErgoMax™	496-497XSI

How to use



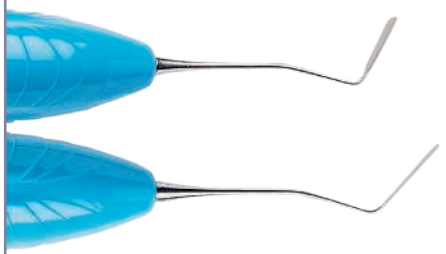
LM-Arte™ Posterior Misura

- For horizontal and vertical measuring of thickness of composite layers on the posterior restorations
- The fork shaped tip allows measuring and modeling of the composite wall with the presence of a matrix



LMErgoSense®	498-499ES
	498-499EST
LMErgoMax™	498-499XSI

How to use



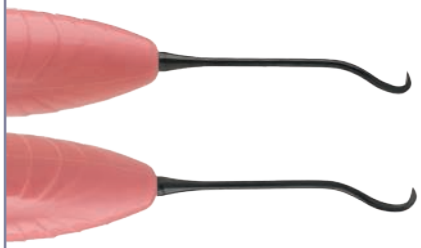
LM-Arte™ Applica Twist

- Thin and narrow spatula with bended angles for modeling difficult to reach areas such as approximal walls or the marginal ridge in matrix



LMErgoSense®	464-494ES
	464-494EST
LMErgoMax™	464-494XSI

How to use



LM-Arte™ Eccesso DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	307-308DDES
	307-308DDEST

NEW!



LM-Arte™ Misura DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	496-497DDES
	496-497DDEST

NEW!

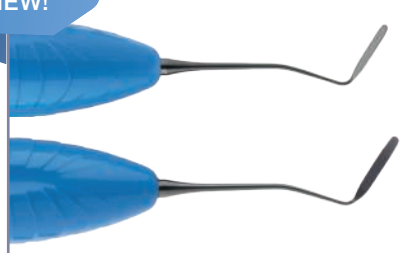


LM-Arte™ Posterior Misura DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	498-499DDES
	498-499DDEST

NEW!



LM-Arte™ Applica Twist DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	464-494DDES
	464-494DDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

STYLE ITALIANO™



LM-Arte™ Cusp Misura

- Unique instrument for estimating cusp thickness and height for evaluating the need for cusp preparation when performing adhesive restorations

LMErgoSense®	468-469ES
	468-469EST
LMErgoMax™	468-469XSI

How to use

LM-ARTE™ INSTRUMENT SETS

MD CE



LM-Arte™ Set

LMErgoSense®	6840ES
LMErgoMax™	6840XSI

Includes:
- LM-Arte™ Eccesso
- LM-Arte™ Misura
- LM-Arte™ Fissura
- LM-Arte™ Applica
- LM-Arte™ Condensa
- LM-Servo™ 5 cassette



LM-Arte™ Posterior Set

LMErgoSense®	6844ES
LMErgoMax™	6844XSI

Includes:
- LM-Arte™ Posterior Misura
- LM-Arte™ Cusp Misura
- LM-Arte™ Fissura
- LM-Arte™ Modella
- LM-Arte™ Condensa
- LM-Servo™ 5 cassette



LM-Arte™ Complete Set

LMErgoSense®	6848ES
LMErgoMax™	6848XSI

Includes:
- LM-Arte™ Eccesso
- LM-Arte™ Misura
- LM-Arte™ Applica
- LM-Arte™ Posterior Misura
- LM-Arte™ Cusp Misura
- LM-Arte™ Fissura
- LM-Arte™ Modella
- LM-Arte™ Condensa
- LM-Servo™ 8 cassette

See pages 12-13 for instrument handle and tip coating option symbols and codes.



LM-Arte™ Dark Diamond Set Plus

LMErgoSense® 6846ES

- Instruments with LM Dark Diamond™non-stick coated tips

Includes:
- LM-Arte™ Condensa DD
- LM-Arte™ Applica DD
- LM-Arte™ Fissura DD
- LM-Arte™ Applica Twist DD
- LM-Arte™ Eccesso DD
- LM-Arte™ Posterior Misura
- LM-Arte™ Solo Anterior DD
- LM-Arte™ Modella DD
- LM-Servo™ 8 cassette



LM-Arte™ Dark Diamond set

LMErgoSense® 6845ES

- Instruments with LM Dark Diamond™ non-stick coated tips

Includes:
- LM-Arte™ Eccesso DD
- LM-Arte™ Modella DD
- LM-Arte™ Fissura DD
- LM-Arte™ Applica DD
- LM-Arte™ Condensa DD
- LM-Servo™ 5 cassette



LM-Gengiva™ gingival retracting kit

How to use

LMErgoSense® 7556KES

LMErgoMax™ 7556KXSI

Includes:
- LM-Gengiva™ / LM-MultiHolder™ PK III hand instrument (see page 57)
- LM-Gingival Retractors (blue) for establishing optimum working conditions for procedures at the gum line. Assortment package of three sizes include circa 90 pieces, 30 pcs/size: S for incisors, M for premolars and XL for molars
- LM-MultiLever™ for the removal of disposable gingival retractors

See pages 12-13 for instrument handle and tip coating option symbols and codes.

FOR COMPOSITES MD CE



Modeller MH

- For packing large, approximal fillings in several layers
- Cylinder shaped working ends won´t get stuck into the composite while light curing
- For pressing the matrix band in place while curing

LMErgoSense® 708-709ES
708-709EST
LMErgoMax™ 708-709XSI



Modeller MH Mini

- For packing small or medium approximal fillings in several layers
- Cylinder shaped working ends won´t get stuck into the composite while light curing
- For pressing the matrix band in place while curing

LMErgoSense® 707-708ES
707-708EST
LMErgoMax™ 707-708XSI



Flow Instrument IO

- For easy handling and shaping of flowable composites

LMErgoSense® 484-485ES
484-485EST
LMErgoMax™ 484-485XSI



Composite Spatula 6

- For placing and contouring composite

LMErgoSense® 446-447ES
446-447EST
LMErgoMax™ 446-447XSI
LMErgoNorm™ 446-447SI



Modeller MH DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense® 708-709DDES
708-709DDEST



Modeller MH Mini DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense® 707-708DDES
707-708DDEST

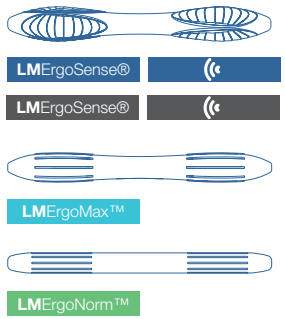


Form Condenser, 1.5-2.5 mm

- For shaping and packing of large filling surfaces

LMErgoSense® 702-703ES
702-703EST
LMErgoMax™ 702-703XSI
LMErgoNorm™ 702-703SI

Handle options:



See pages 12-13 for instrument handle and tip coating option symbols and codes.



Packer-Modeller IO p

- Combination instrument for premolars

LMErgoSense®	482-702ES
(«	482-702EST
LMErgoMax™	482-702XSI
LMErgoNorm™	482-702SI



Packer-Modeller IO m

- Combination instrument for molars

LMErgoSense®	483-703ES
(«	483-703EST
LMErgoMax™	483-703XSI
LMErgoNorm™	483-703SI



Packer-Modeller IO

- Conical working ends, which are exceptionally well-suited e.g. to shaping of occlusal surfaces and to packing of all kinds of plastics
- Composites do not stick to the highly polished blades





LMErgoSense®	482-483ES
(«	482-483EST
LMErgoMax™	482-483XSI
LMErgoNorm™	482-483SI



Packer-Modeller IO DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	482-483DDES
(«	482-483DDEST



Plastic Instrument, anterior

- For placing, packing and contouring composite

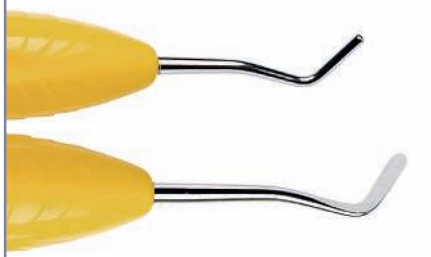
LMErgoSense®	43-47ES
(«	43-47EST
LMErgoMax™	43-47XSI
LMErgoNorm™	43-47SI



Plastic instrument, anterior DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	43-47DDES
(«	43-47DDEST



Plastic Instrument, posterior

- For placing, packing and contouring composite

LMErgoSense®	48-702ES
(«	48-702EST
LMErgoMax™	48-702XSI
LMErgoNorm™	48-702SI



Plastic instrument, posterior DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	48-702DDES
(«	48-702DDEST

See pages 12-13 for instrument handle and tip coating option symbols and codes.



Mini Spatula

- For placing and contouring composite

LMErgoSense®	444-445ES
((	444-445EST
LMErgoMax™	444-445XSI
LMErgoNorm™	444-445SI



Mini Spatula DD

- With LM Dark Diamond™ non-stick coated tips

LMErgoSense®	444-445DDES
((	444-445DDEST

SPATULA

MD CE



Spatula

LMErgoSense®	450-460ES
((	450-460EST
LMErgoMax™	450-460XSI
LMErgoNorm™	450-460SI

EXCESS SCALERS

MD CE



Excess Scaler

- For the removal of adhesive, cement, and composite excesses

LMErgoSense®	785-795ES
((	785-795EST
LMErgoMax™	785-795XSI
LMErgoNorm™	785-795SI



Mini Excess Scaler

- An effective excess remover in extremely tight interdental spaces

LMErgoSense®	784-794ES
((	784-794EST
LMErgoMax™	784-794XSI
LMErgoNorm™	784-794SI

CARVERS

MD CE

For shaping of filling material to fit the anatomy of tooth, and for removal of soft excess.

Sharpening of Carvers Maehlum, Nyström I and Cleoid-Discoid with LM-RondoPlus™



1/2 Hollenback

- For proximal and cervical surfaces

LMErgoSense®	741-751ES
((	741-751EST
LMErgoMax™	741-751XSI
LMErgoNorm™	741-751SI



Carver Maehlum

- For removal of soft excess from gingival margins (71)
- For anatomical shaping of occlusal surfaces (73)

LMErgoSense®	71-73ES
((	71-73EST
LMErgoMax™	71-73XSI
LMErgoNorm™	71-73SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.



Hollenback 1S/2S

- Sharper tip-end design of the conventional 1/2 Hollenback instrument for improved shaping of occlusal and incisal anatomy of the teeth

LMErgoSense®	743-753ES
(«	743-753EST
LMErgoMax™	743-753XSI



Plugger - Hollenback 2S

- For shaping and modeling composite, especially on proximal and cervical surfaces

LMErgoSense®	473-753ES
(«	473-753EST
LMErgoMax™	473-753XSI



Carver Nyström I

- For proximal and occlusal surfaces

LMErgoSense®	74-75ES
(«	74-75EST
LMErgoMax™	74-75XSI
LMErgoNorm™	74-75SI



Carver Nyström III

- For interdental spaces, contact surfaces

LMErgoSense®	76-77ES
(«	76-77EST
LMErgoMax™	76-77XSI
LMErgoNorm™	76-77SI



Universal Carver, occlusal-proximal

- For removal of soft excess from gingival margins (71)
- For anatomical shaping of occlusal surfaces (72)

LMErgoSense®	71-72ES
(«	71-72EST
LMErgoMax™	71-72XSI
LMErgoNorm™	71-72SI



Cleoid-Discoid

- For anatomical shaping of occlusal surfaces of small fillings

LMErgoSense®	731-732ES
(«	731-732EST
LMErgoMax™	731-732XSI
LMErgoNorm™	731-732SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

SILICONE CUTTER



Silicone cutter

- For cutting and trimming silicone matrices and silicone impressions
- Blade-like tip for precise and controlled cuts
- Ring-shaped tip for refining impressions

LMErgoSense® 770-780ES

770-780EST

FILLING REMOVER

MD CE



Filling Remover

- For the removal of temporary fillings and crowns
- For bridge removal during fitting

LMErgoSense® 764-766ES

764-766EST

LMErgoMax™ 764-766XSI

LMErgoNorm™ 764-766SI

CROWN OFF

MD CE



A groove is first burred from the lower edge of the crown up to the occlusal surface. The groove should be so deep that it reaches the cement. The Crown Off working end is placed longitudinally into the groove and turned as if spreading the groove. The blade is turned until the crown loosens and lifts up. The blade stays firmly in the groove and it is easy to control even when lot of force is used.



Crown Off

- Blade double angled with a 45° twist
- Crown removal instrument

LMErgoSense® 767-768ES

767-768EST

LMErgoMax™ 767-768XSI

INSTRUMENT SET

MD CE



LM-CompoSet

LMErgoSense® 6657ES

LMErgoMax™ 6657XSI

Includes:

- Mini Spatula
- Plastic instrument, anterior
- Form Condenser
- Packer-Modeller IO
- Mini Excess Scaler
- LM-Servo™ 5 cassette

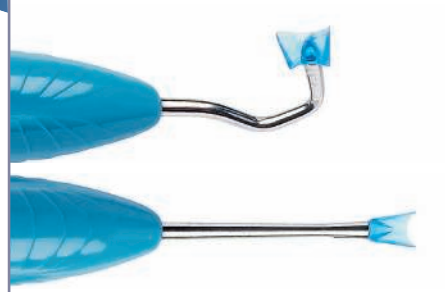
See pages 12-13 for instrument handle and tip coating option symbols and codes.

LM-MULTIHOLDER™ SYSTEM MD CE

LM-MultiHolder™ instruments and different kinds of replaceable plastic working ends – a real multi-function instrument!

Angle options allow for easy access to even the more complex areas. Optimal combination of steel and plastic: the steel shank is rigid and only the working end will flex, when required.

LM™ INNOVATION



LM-MultiHolder™ PK I

- LMErgoSense® 750-756ES
- 750-756EST
- LMErgoMax™ 750-756XSI
- LMErgoNorm™ 750-756SI



LM-MultiHolder™ PK II

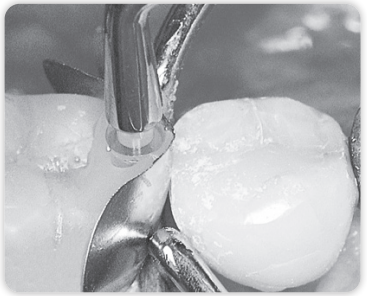
- LMErgoSense® 752-754ES
- 752-754EST
- LMErgoMax™ 752-754XSI
- LMErgoNorm™ 752-754SI

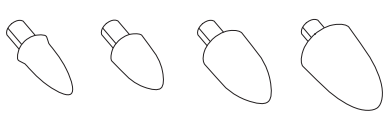


LM-MultiHolder™ PK III

• See page 51 for LM-Gengiva™

- LMErgoSense® 752-756ES
- 752-756EST
- LMErgoMax™ 752-756XSI





LM-Contact Formers

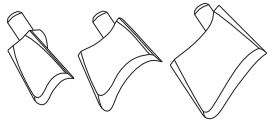
Transparent tip for making correctly formed and tight approximal contact.

- Suitable for use with all matrices
- Will not stick to composite fillings
- Disposable

Four sizes corresponding to the size of the cavity, circa 60 pcs/package:

7622	XS
7624	S
7626	M
7628	L
7620	Assortment package circa 120 pcs (30 pcs/size)





LM-Gingival Retractors (blue)

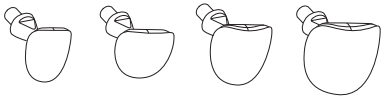
For establishing optimum working conditions for procedures at the gum line.

- Disposable

Three sizes, circa 60 pcs/package:

7502	S for incisors
7504	M for premolars
7506	XL for molars
7500	Assortment package circa 90 pcs (30 pcs/size)





LM-Cervical Matrices

For making anatomically correct fillings at the gum line.

- Protects from moisture
- Prevents air bubbles
- Disposable

Four models for different size and shape, circa 60 pcs/package:

7602	for incisors
7604	for canines and premolars
7606	for small molars
7608	for large molars
7600	Assortment package circa 120 pcs (30 pcs/size)

LM-MultiHolder™ IntroKit

Introkit contains LM-MultiHolder™ instruments PK I and PK II, LM-MultiLever™ and working end sample package.

(Incl 44 working ends; 4 for each size of each working end type)

7555KES
7555KXSI
Separate working end sample package 7555



LM-MultiLever™ 7550

- For the removal of plastic working end

See pages 12-13 for instrument handle and tip coating option symbols and codes.

ROOT CANAL EXPLORER

MD CE

The instrument's long, sharp tips facilitate the location and opening of root canals to provide access for proper preparation instruments.

Important! Only use the instruments for the purpose which they are intended!







Root Canal Explorer

LMErgoSense®	27-28ES
((	27-28EST
LMErgoMax™	27-28XSI
LMErgoNorm™	27-28SI

ROOT CANAL EXCAVATORS

CE 0537 MD

Root canal excavators have longer lower shanks and sharper blade angles than round excavators.

- Extended and correctly angled shanks as well as highly effective blade angles allow for the preparation of all types of pulp cavities
- Effective for the cleaning of pulp chambers and location of root canals as well as the removal of temporary fillings

Handle options:



LMErgoSense®



LMErgoMax™



LMErgoNorm™



Root Canal Excavator, 1.0 mm

LMErgoSense®	612-622ES
((	612-622EST
LMErgoMax™	612-622XSI
LMErgoNorm™	612-622SI



Root Canal Excavator, 1.5 mm

LMErgoSense®	632-642ES
((	632-642EST
LMErgoMax™	632-642XSI
LMErgoNorm™	632-642SI



Root Canal Excavator, 2.0 mm

LMErgoSense®	652-662ES
((	652-662EST
LMErgoMax™	652-662XSI
LMErgoNorm™	652-662SI

ENDO SPREADERS

MD CE

For the compacting of root canal filling materials during lateral condensation.



Endo Spreader 0.4 mm

LMErgoSense®	24ES
((	24EST
LMErgoMax™	24XSI



Endo Spreader 0.23 mm

LMErgoSense®	22ES
((	22EST
LMErgoMax™	22XSI

ENDO PLUGGER

For the vertical plugging of root canal fillings.



Endo Plugger, 0.5–1.0 mm

LMErgoSense®	41-42ES
((	41-42EST
LMErgoMax™	41-42XSI
LMErgoNorm™	41-42SI

See pages 12-13 for instrument handle and tip coating option symbols and codes.

SURGICAL HANDLE

MD CE



LM-ErgoHold™ 3

- Excellent grip with elastic silicone coating
- Precise blade control
- Controlled rotation
- Blade position responsiveness maintained
- Controlled movement through tissue
- Fits all blades with fitment No. 3 (blades 10, 10A, 11, 11K, 11P, 12, 12D, 15, 15C and 15S)

LMErgoHold™	9003
	9003T

EXTRACTION INSTRUMENTS

LM-LIFTOUT™

MD CE

Luxating instruments for atraumatic extraction.

LM-LiftOut™ instruments allow tooth extraction to be done as atraumatically as possible. This is important in order to enable rapid healing and future implant placement. The thin tip of the instrument is introduced into the periodontal space and slowly advanced toward the apex of the root while twisting the instrument gently back and forth. LM-LiftOut™ is not suitable for use as an elevator.



How to use

STRAIGHT BLADE



LM-LiftOut™ S2	LM-LiftOut™ S3	LM-LiftOut™ S4	LM-LiftOut™ S5
812220	812230	812240	812250
812220T	812230T	812240T	812250T

CURVED BLADE



LM-LiftOut™ C3	LM-LiftOut™ C4	LM-LiftOut™ C5
812430	812440	812450
812430T	812440T	812450T

LM-SLIMLIFT™

MD CE

Luxating instruments designed for extremely narrow places.

LM-SlimLift™ instruments are especially designed to reach places you cannot go with traditional luxating instruments. It allows tooth extraction to be done as atraumatically as possible. This is important in order to enable rapid healing. The extremely fine tip of the instrument is introduced into the very narrow periodontal space. The instrument is slowly advanced towards the apex of the root while turning the instrument gently back and forth.

The LM-SlimLift™ is not suitable for use as an elevator.



How to use

STRAIGHT BLADE



LM-SlimLift™ S3	LM-SlimLift™ S4	LM-SlimLift™ S5
812630	812640	812650
812630T	812640T	812650T



The extremely slim design of blade allows for the most atraumatic extractions.

CURVED BLADE



LM-SlimLift™ C3	LM-SlimLift™ C4	LM-SlimLift™ C5
812830	812840	812850
812830T	812840T	812850T

MAINTENANCE



Cassette

MD CE

810001

LM™ extraction instruments are supplied in a convenient cassette that protects both the instrument and the handler during the maintenance cycle. The cassette keeps the instrument from puncturing the sterilization pouch, so sterility is more likely to be assured.

- The cassette can be color-coded
- The cassette is compatible with LM-ServoMax™ tray



Sharpening stone

818002

Sharpen the extractors occasionally using the round sharpening stone as a simple and quick way to keep them in top condition and always ready to use.

- Suitable for LM-SlimLift™, LM-LiftOut™, LM-TwistOut™ and LM-RootOut™ instruments

LM-TWISTOUT™

MD CE

Elevators for forceful extraction.

LM-TwistOut™ instruments are suitable for tooth extraction in situations where strong force or torque must be applied.



How to use

STRAIGHT BLADE



LM-TwistOut™ S3

	814230
((	814230T



LM-TwistOut™ S4

	814240
((	814240T



LM-TwistOut™ S5

	814250
((	814250T

CURVED BLADE



LM-TwistOut™ C3

	814430
((	814430T



LM-TwistOut™ C4

	814440
((	814440T



LM-TwistOut™ C5

	814450
((	814450T

ROOT TIP INSTRUMENTS

MD CE



Root Tip Pick

- For the removal of root tip
- Suits well in all difficult to reach areas

LMErgoSense®	769-771ES
((	769-771EST
LMErgoMax™	769-771XSI



LM-RootOut™

- Designed for delicate root teasing procedures
- Not recommended for more substantial root tip removal
- Similar to Heidbrink root tip picks
- Ergonomically designed handle for a good grip

	812210
((	812210T

PERIODONTAL MICROSURGERY

CE MD
0537

The versatile LM™ microsurgical instrument selection is designed for precise and efficient periodontal surgery, supporting minimally invasive techniques, smooth workflow, and improved patient comfort.

I E T S

INICIA ELEVA TUNELLA SOLLEVA

TREATMENT PROTOCOL

The selection is developed in cooperation with Dr. Axel Endruhn, whose innovative IETS protocol formed the foundation of the instrument design process.

LM™ microsurgical instrument selection is developed in cooperation with Dr Axel Endruhn.



Prof Dr Axel Endruhn
Dentist, international lecturer
Director of +Perio

IETS Protocol



How to use

LM™ Inicia

- Fixed-blade microsurgical knife for intrasulcular incisions, to separate the epithelium and supracrestal gingival connective fibers
- For maintenance of thickness and integrity of marginal tissues
- For separation of the anterior/front part of the papilla during tunneling procedures

LMErgoSense® 171-172ES
171-172EST



How to use

LM™ Eleva

- Micro-sized periosteal elevator for full-thickness (mucoperiosteal) separation
- For elevation of periosteum
- Especially useful for minimally invasive microsurgery

LMErgoSense® 173-174ES
173-174EST



How to use

LM™ Tunella

- Small-sized tunneling knife with two different shank angulations for split-thickness (supra - periosteal) dissections
- For split-thickness incisions in gingival and mucosal tissues
- Reduced risk of perforation

LMErgoSense® 175-177ES
175-177EST

See pages 12-13 for instrument handle and tip coating option symbols and codes.



How to use

LM™ Papilla Solleva

- Papilla and periosteal instrument designed to separate and elevate the base of the papilla from the interproximal bone
- Elevation of the papilla without cutting it
- For tunneling of the papilla

LMErgoSense®	181-182ES
	181-182EST



How to use

LM™ Papilla Remota

- Periosteal and micro papilla elevator for elevating interdental papilla
- For elevation and coronal displacement of the soft tissue through a remote vertical incision
- Elimination of adhesions and frenulum

LMErgoSense®	179-180ES
	179-180EST



How to use

LM™ Coltello

- Microsurgical knife for initial incisions, periosteum elevation, and split-thickness separations
- Elimination of adhesions and frenulum
- Working on areas not accessible with fixed-blade scalpels

LMErgoSense®	187-188ES
	187-188EST



How to use

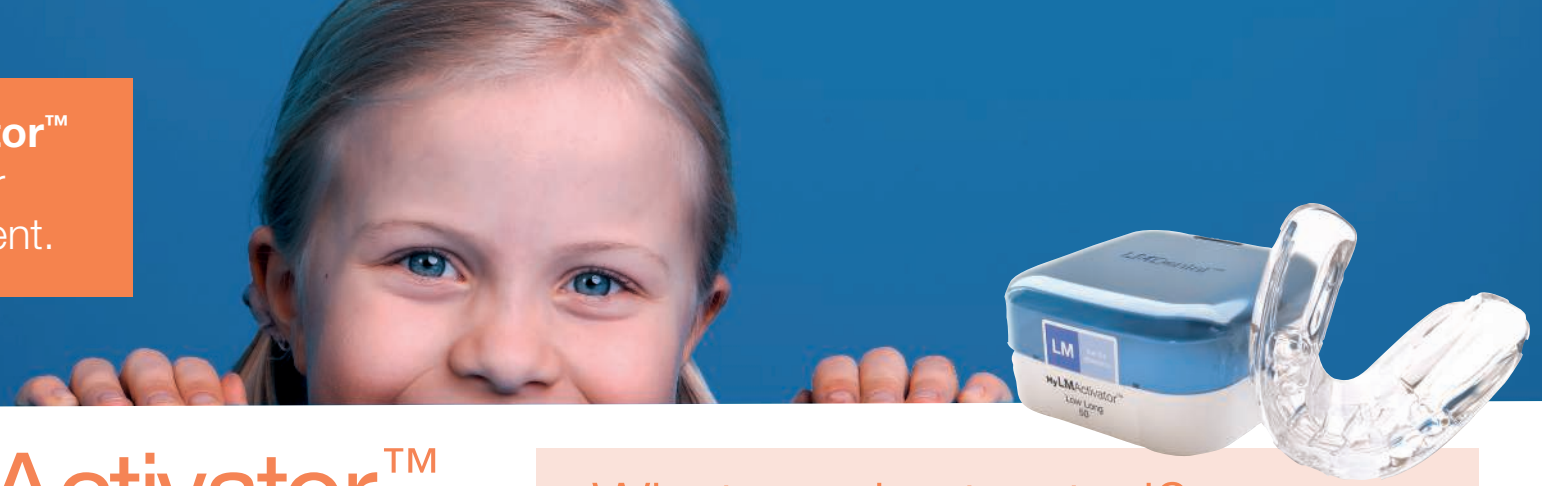
LM™ Orban Redondo

- Microsurgical knife with modified design of the Orban knife for intracrevicular incisions and split-thickness separations
- For precise initial, full- and split-thickness incisions
- Elimination of adhesions and frenulum
- For tissue resections
- For precise cuts in gingivectomies and gingivoplasties

LMErgoSense®	185-186ES
	185-186EST

See pages 12-13 for instrument handle and tip coating option symbols and codes.

Introducing **My LM-Activator™** silicone activator and aligner for early orthodontic treatment.



Meet My LMActivator™

My LM-Activator™ is a **prefabricated silicone aligner** for growing happy smiles: easy to use, gently supporting healthy and natural growth of the face and jaw. The ideal time for treatment is in early mixed dentition, as research indicates that malocclusions in deciduous dentition tend to become more severe as the dentition develops. By intervening and taking action to correct malocclusions early, the need for further treatment can be significantly reduced and even eliminated.

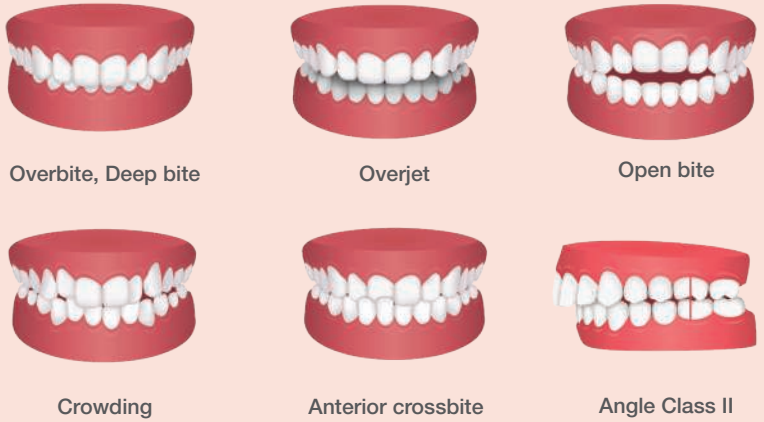
This appliance is clinically proven with two decades in early orthodontic treatment. LM-Activator™ has been used by at least a million patients around the world for correcting malocclusions and guiding teeth and jaw to a healthy growth. My LM-Activator™ is continuing this story of growing happy smiles.

When the teeth are changing, My LM-Activator™ gently guides the teeth and jaw towards a healthy growth, aligns teeth, activates mandibular growth and expands the arch perimeter in mixed dentition. My LM-Activator™ provides comprehensive three-dimensional occlusion control.

The new My LM-Activator™ product line with its streamlined design and optimized dimensions offers superior wear comfort and improved fit for elevating user-friendliness and patient acceptance. The premium appearance reflects the superior material quality and the safety with no additives used.

What can be treated?

LM-Activator™ has proven to be effective in treatment of typical malocclusions at different dental stages.



Overbite, Deep bite | Overjet | Open bite

Crowding | Anterior crossbite | Angle Class II

LM-Activator™ corrects typical malocclusions like excess Overbite or Deep bite, excess Overjet, Open bite, Crowding, anterior Crossbite and Angle Class II or Class II tendency. Sagittal and vertical relationships can be corrected simultaneously.

Read more about My LM-Activator™ on the website lm-activator.com

Download My LM-Activator™ brochure

General steps on **how to choose** the right My LM-Activator™ model

The selection chart below provides some general basic guidelines on choosing the right My LM-Activator™ appliance for the patient. It is solely the responsibility of the treating doctor to evaluate and determine which model is best suitable for the individual patient.

Step 1: Height

Malocclusion type?

Increased overjet
Increased overbite/deep bite
Anterior crowding, Rotated anterior teeth
Dentoalveolar anterior crossbite
Class II
Scissorsbite
Complete mandibular posterior lingual crossbite
Gummy smile

Growth pattern / Facial type?



Neutral angle: Neutral growth pattern, Mesofacial



Low angle: Short face, Hypodivergent, Brachyfacial

→ Low

Malocclusion type?

Anterior open bite

Growth pattern / Facial type?



High angle: Long face, Hyperdivergent, Dolichofacial

→ High

Step 2: Length

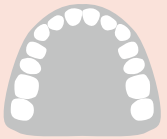
Have the permanent second molars erupted?

No



→ Short

Yes or erupting soon



→ Long

Model assortment features





Low

Model with basic appliance thickness is applicable to many different cases.

High

Model with thicker premolar and molar area. Specifically designed for treating skeletal and dentoalveolar open bite cases.

Short

Model with a shorter molar section for patients whose second molars have not yet erupted.

Long

Model with a longer molar section for patients whose second molars have erupted.

Selecting the size with LM-OrthoSizer™

LM-OrthoSizer™ is a tool for aiding the selection of the appropriate LM-Activator™ size. The size is indicative and LM-Activator™ should always be fitted to ensure the correct size. Use the LM-Activator™ 2 OrthoSizer (9402) for My LM-Activator™.





Watch the video:
Selecting the right size and fit of LM-Activator™

Typical malocclusions treated with LM-Activator™

Overjet[1]



Before



After 1 year

Deep bite with palatal impingement[1]



Before



After 1 year

Single tooth anterior crossbite[2]

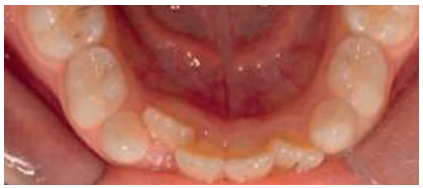


Before

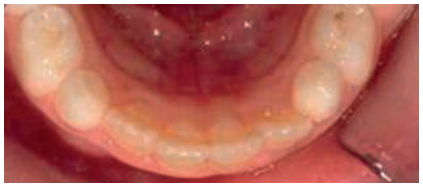


After 15 days

Crowding[3]



Before



After 1 year

Clinical pictures courtesy of [1]) and [3]) Dr. Rita Myrlund and Dr. Mari Dubland, University of Tromsø, Norway. [2]) Dr. Gioacchino Pellegrino, Management of eruption problems with preformed silicone orthodontic devices, Poster presented at 21. Jahrestagung der Deutsche Gesellschaft für Kinderzahnheilkunde 25.09 - 27.09 2014; Freiburg, Germany

Read more on the website
www.lm-activator.com

My LM-Activator™ product range



My LM-Activator™ Low Short

Model with a shorter molar section when the second molars have not yet erupted. Delivered in a yellow box.

Size	Code
35	94435LS
40	94440LS
45	94445LS
50	94450LS
55	94455LS
60	94460LS
65	94465LS
70	94470LS



My LM-Activator™ Low Long

Model with a longer molar section when the second molars have erupted. Delivered in a blue box.

Size	Code
40	94440LL
45	94445LL
50	94450LL
55	94455LL
60	94460LL
65	94465LL



My LM-Activator™ High Short

Model with a shorter molar section. The High model is thicker in the region of second premolars and molars. It is designed for treating skeletal and dento-alveolar Open bite cases. Delivered in an orange box.

Size	Code
40	94440HS
45	94445HS
50	94450HS
55	94455HS
60	94460HS
65	94465HS



My LM-Activator™ High Long

Model with a longer molar section. The High model is thicker in the region of second premolars and molars. It is designed for treating skeletal and dento-alveolar Open bite cases. Delivered in a green box.

Size	Code
45	94445HL
50	94450HL
55	94455HL
60	94460HL

LM-Trainer™

LM-Trainer™ can be used in deciduous dentition, e.g. before LM-Activator™ treatment. It can also be used in functional education and for habit correction, and in reverse swallowing and mouth breathing, when harmful oral habits risk causing malocclusions.



LM-Trainer™ Small 94100S
- Area for incisors, lip bumper
- Smaller than LM-Trainer™ Medium



LM-Trainer™ Medium 94100T
- Area for incisors and slots for cuspids
- Lip bumber

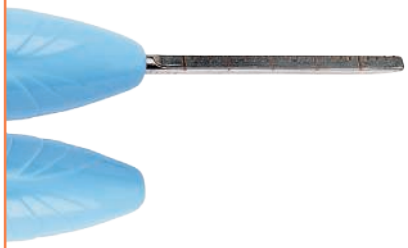


LM-Trainer™ 2 Medium 94100T2
- Bigger than LM-Trainer™ Medium
- High gloss surface
- Area for incisors and slots for cuspids
- High labial shields and shaped lingual flanges
- Enhanced lip bumber



LM-Trainer™ Braces 94100TB
- Used with brackets and wires
- Brings the mandible forward for Class II correction
- Prevents irritation and wounding of soft tissue
- Lingual channel for tongue guidance
- Lip bumper

ORTHODONTIC HAND INSTRUMENTS MD CE



Mirror Handle, ortho

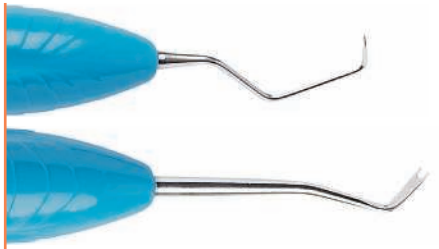
- Orthodontic mirror handle with Bausch-Verbiest design
- For measuring the sagittal overjet and vertical overbite
- Millimeter scale, total length 25 mm

LMErgoSense®	25-26ES
((	25-26EST
LMErgoMax™	25-26XSI
LMErgoSense®	28-26ES
((	28-26EST
LMErgoMax™	28-26XSI

How to use

25 has simple stem mirror handle threads are in accordance with international standard M2.5. The mirror shank must have a diameter of 2.5 mm.

28 has cone socket mirror handle threads are in accordance with international standard UNF4-48. The mirror shank must have a diameter of 2.6 mm.

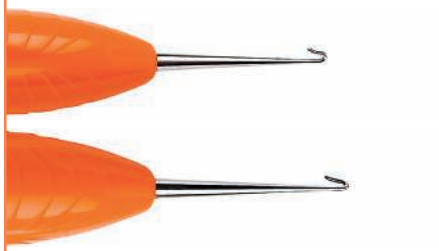


Ligature On-Off SL

- The explorer-like end (17CL) for both application and removal of ligatures. Ligatures can be lined up on the lower shank.
- The forked end (414) is particularly suitable for guiding a ligature ring over e.g. the fourth wing of a bracket.

LMErgoSense®	414-17CLES
((	414-17CLEST
LMErgoMax™	414-17CLXSI

How to use



Plastic Ligature Applicator

- For placement of orthodontic rubber ligatures

LMErgoSense®	416-417ES
((	416-417EST
LMErgoMax™	416-417XSI
LMErgoNorm™	416-417SI

How to use



Archwire Tucker

- For bending the end of an arch wire
- The flattened ball-ends have 1 mm holes, where the wire can easily be placed and turned.
- Long blade fits well even in tight places.

LMErgoSense®	412-413ES
((	412-413EST
LMErgoMax™	412-413XSI

How to use



Ligature Tucker – Scaler U15

- For tucking of ligatures and arch wires (414)
- For removing of cement excesses following the removal of orthodontic appliance (150)

LMErgoSense®	414-150ES
((	414-150EST
LMErgoMax™	414-150XSI

How to use

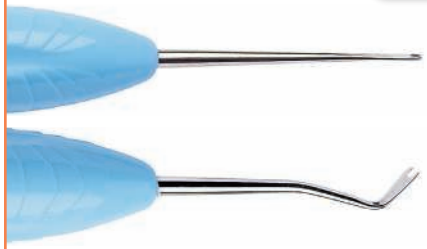


Ligature Director

- For tucking ligatures and arch wires and for placement of arch wire
- The forked end is particularly suitable for guiding a ligature ring over e.g. the fourth wing of a bracket
- The forked end tip is rotated 90°

LMErgoSense®	411-415ES
((	411-415EST
LMErgoMax™	411-415XSI

How to use



Ligature Tucker

- For tucking of ligatures and arch wires and for placement of arch wire
- The forked end is particularly suitable for guiding a ligature ring over e.g. the fourth wing of a bracket.

LMErgoSense®	414-415ES
((	414-415EST
LMErgoMax™	414-415XSI
LMErgoNorm™	414-415SI

How to use

See pages 12-13 for instrument handle and tip coating option symbols and codes.

Regular maintenance of dental hand instruments is the foundation of safe and high quality treatments.

In addition to cleanliness, instrument condition has a significant impact on the end result of a treatment as well as your and your patient's safety. When discussing hand instruments, a critical factor is the instrument blade. Only working with sharp instruments will ensure an optimal treatment result.

LM-RondoPlus™ is a simple and reliable sharpening machine, which is suitable for use with all hand instruments that can be resharpened. LM-RondoPlus™ sharpens all hand instruments easily, quickly and precisely.

Regular sharpening allows you to work with a sharp instrument, which reduces the amount of strain on your hand and enhances safety from one treatment to the next. The service life of a regularly sharpened instrument is also longer than one that is not maintained well.

Watch the step-by-step videos for sharpening with LM-RondoPlus™



LM™ INNOVATION

LMRondoPlus™ sharpening machine

Foot pedal connection
Use of the foot pedal is optional. When the foot pedal is connected, the sharpening stone will only rotate when you press down on the pedal. The rotational direction is still selected with the rocker switch.

360° rotating casing



Rocker switch
(direction control)



Sharpening stone
LM-RondoPlus™ comes equipped with a ceramic 400 grit sharpening stone. A finer (600 grit) and a coarser (320 grit) stone are available as spare parts. The stone rotates in two directions. When the stone rotates away from the instrument, the sharpening effect is more delicate. For more sharpening power use a coarser stone that rotates toward the instrument. The direction of rotation is chosen from the rocker switch.

Instrument rest
The instrument rest has two positions. The lower position is for periodontal instruments and the upper position is for preparation instruments. The position is changed by lifting the rest slightly away from the sharpening stone and then up or down. The instrument rest must be as close as possible to the sharpening stone without actually touching it. Screw the control to adjust the distance between the rest and the stone.

Testing sharpness
LM-RondoPlus™ is equipped with LM-Fingo™ sharpness test sticks, which can be mounted on either side of the machine or worn on the finger. Sharpness is easy to test by drawing the instrument lightly in its working position along LM-Fingo™. Sharp instrument will bite into the stick.

EASY SHARPENING

LM-RondoPlus™ is suitable for use with all hand instruments that can be resharpened. Thanks to its simple operation method, learning how to use the machine takes only a few moments.

The ceramic sharpening stone is mounted in a casing, which can rotate 360°. The instrument being sharpened is placed on the instrument rest next to the sharpening stone. The lower rest position is for periodontal instruments while the upper position is for preparation instruments. The hand holding the instrument remains still – the instrument is sharpened by rotating the casing.

With LM-RondoPlus™ the same basic technique is used, whether the instruments to be resharpened are periodontal or preparation instruments, or have convex or straight cutting edges.

LM-RondoPlus™ 8600

Package includes:

- Sharpening machine
- Foot pedal
- 400 grit sharpening stone
- 2 LM-Fingos™
- 5 emery tapes



Spare Parts

Grinding stone

- 8660 600 grit (white)
- 8640 400 grit, coarser (grey)
- 8632 320 grit, coarsest (black)

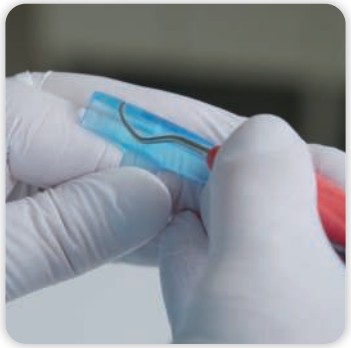
8630 Foot pedal

8550 Emery tapes, 5 pcs

8602 LM-Fingo™, 2 pcs

8606 LM-Fingo™, 6 pcs

On either side of the LM-RondoPlus™ there are LM-Fingo™ test sticks. Sharpness can be tested both with Fingo mounted on the LM-RondoPlus™ or your finger. The Fingo is made of an acrylic plastic and is sized to fit all users.



Easy to use

- Simple method - the blade is held in the correct sharpening position and the grinding stone rotates.
- Sharpening one instrument only takes a few seconds.

Versatile

- For both periodontal and preparation instruments.
- For both right or left handed.
- The direction of rotation can be selected.

Accurate and safe

- A dual-position instrument rest: The upper position is for preparation instruments and the lower for periodontal instruments.
- The original blade form is preserved.
- Low rotational speed: the blade will not heat up nor will its temper be affected.











LM™ REPROCESSING RECOMMENDATIONS

To take best care of your premium quality products

DENTAL HAND INSTRUMENT MAINTENANCE WITH CARE

By following LM™ reprocessing recommendations, you can ensure your dental instruments to have both long life and high level performance. To take best care of your high-quality instruments pay attention to the recommendations and ensure that only validated procedures are used for cleaning and sterilization. For the hand instrument maintenance use LM-ServoMax™ tray system and LM-Servo™ cassettes in order to protect the instruments and avoid sharp injuries.

Always follow the regulations by local authorities.

LESS ADMINISTRATIVE CHORES AND MORE TIME FOR PATIENT CARE

LM DTS™ automates traceability, logistics, and aids dental proferssionals in infection control documentation, streamlining processes and eliminating the necessity for labor-intensive manual tasks.

Implementation of LM DTS™ enhances clinician and clinic manager knowledge that the essential reprocessing of materials and instruments has been done correctly, contributing to the safety of both clinicians and patients.



Scan the QR to read and download LM™ Reprocessing recommendations for hand instruments and accessories

70

LM™ INNOVATION

LM-SERVO™ E INSTRUMENT CASSETTES

MD CE

In LM-Servo™ E cassettes the instrument handles are clearly visible providing RFID tag readability and identification of individual instruments, though the tips are securely covered with safety shields preventing sharp injuries and protecting the blades.

The LM-Servo™ E cassette series is available with built-in LM DTS™ RFID tagging. This option makes E cassettes excellent tool for improving traceability by enabling easy handling and tracking of instruments as sets. Below you find the product codes also for RFID tagged cassettes marked with RFID symbol.

The cassettes can be coded with silicone code buttons (6000 – 6005) and attached to the LM-ServoMax™ with a special lock (6417).

LM-Servo™ 5E

- For five hand instruments
- Cassette is equipped with safety shields of different colors: grey, blue, green and yellow.
- Outer dimensions: 180 x 83 x 26 mm
- Inner dimensions: 174,8 x 78,6 x 21,4 mm



6551 grey
6551T grey



6552 blue
6552T blue



6553 green
6553T green



6554 yellow
6554T yellow

LM-Servo™ 8E

- For eight hand instruments
- Cassette is equipped with safety shields of different colors: grey, blue, green and yellow.
- Outer dimensions: 180 x 133 x 26 mm
- Inner dimensions: 174,8 x 128,9 x 21,4 mm



6581 grey
6581T grey



6582 blue
6582T blue



6583 green
6583T green



6584 yellow
6584T yellow

LM-SERVOMAX™ TRAY SYSTEM MD CE

LMServoMax™

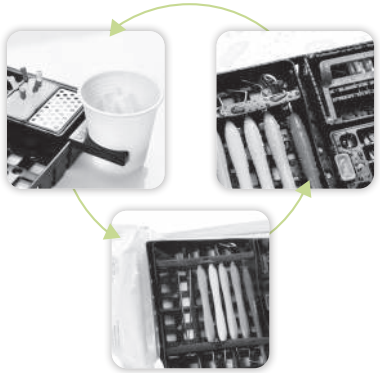
Optimal work flow & rational maintenance

The LM-ServoMax™ tray system organizes and rationalizes the handling of dental instruments and accessories during procedures and maintenance. It facilitates effective infection control and saves time by reducing the handling of individual items. The system also prolongs the lifespan of instruments and enhances personnel safety. Its versatile modules keep all instruments and accessories organized in a single tray and can be adapted to treatment-specific and individual needs.



LM™ INNOVATION

Rational maintenance with minimal handling.





LM-ServoMax™ tray set
6410

- Includes 1 set of universal trappers and 2 metal clips
- Dimensions: 288 x 185 x 29 mm



LM-ServoMax™ universal trapper, 2 pcs
6416



LM-ServoMax™ metal clips, 2 pcs
6415

- For locking LM-Servo™ 5 or LM-Servo™ 8 instrument cassette on the tray



LM-ServoMax™ standard case
6420



LM-ServoMax™ restoration / endo case
6430

LM-ServoMax™ foam, 20 pcs
6435

- For cleaning the endo files



LM-ServoMax™ ultrasonic tip case
6460

- For 6 ultrasonic tips



LM-ServoMax™ bur endofile case
6450

- For 8 burs and 14 files
- Includes adjustment and measuring scales for files



LM-ServoMax™ syringe holder
6495

- A stand attachable to the LM-ServoMax™ tray to place the anesthetic syringe safely in the needle guard

LM-ServoMax™ tray features a universal design that complies with standard dental tray dimensions. The system modules are made of durable special plastic which tolerates all common cleaning and sterilization methods and agents (max 134°C / 273°F).
Modules are sold empty.



LM-ServoMax™ waste cup holder

6490



LM-ServoMax™ instrument rack

- 6471 black
- 6472 orange
- 6473 blue
- 6474 red
- 6475 green

- Color-coded rails for attaching instruments to the LM-ServoMax™ tray
- Length adjustable according to the size of instruments
- Package 2 pcs / color

LM-SERVO™ CASSETTES

MD CE

In LM-Servo™ cassettes hand instruments are locked securely but rotate freely for optimal cleaning and guaranteed infection control. The cassettes can be coded with silicone code buttons.

The cassettes can be attached to the LM-ServoMax™ tray with metal clips (6415).

LM™ INNOVATION



LM-Servo™ 5

6650

- For five hand instruments
- Dimensions: 180 x 86 x 28 mm



LM-Servo™ 8

6680

- For eight hand instruments
- Dimensions: 180 x 136 x 28 mm

CODING PRODUCTS

Code buttons

- 6000 blue
- 6001 green
- 6002 orange
- 6003 red
- 6004 yellow
- 6005 brown

- For color-coding the LM-Servo™ and LM-Servo™ E cassettes
- Package 20 pcs / color



Code rings

- 5000 blue
- 5001 green
- 5002 orange
- 5003 red
- 5004 yellow
- 5005 black
- 5006 white
- 5007 brown
- 5008 lavender
- 5009 pink
- 5010 dark grey
- 5011 lime

- For color-coding hand instruments
- Package 50 pcs / color

EVERYTHING IN YOUR CLINIC. TRACKED.

LM DTS™

LM DTS™ is a smart, cloud-based solution that addresses common challenges in asset and material handling and traceability. It effectively manages clinic processes, reuse workflows, and the dispensing and storage of instruments and materials.

Maintain comprehensive control over processes and inventory with tracking. This system lets you know the location of instruments, materials, and other assets, identify who is using them, and determine their stage in the process thereby preventing any misplacement or misuse.

The system enhances efficiency and saves time by digital tracking, reducing the need for manual checks, and supporting compliance documentation. It allows you to turn vital information into actionable insights that make a real difference.

The software featuring a modular design that ensures flexibility and growth possibilities as your needs expand.



FOR ENHANCED EFFICIENCY, SAFETY AND SAVINGS



TRACKING IDENTIFIERS AND TAGGING SOLUTIONS FOR ALL INSTRUMENTS, CASSETTES AND MATERIALS

LM DTS™ connects all instruments, materials, and assets in your clinic - whether they use integrated tags, external tags, or existing identifiers on packages.

The system is compatible across manufacturers, consolidating everything into one platform. This flexibility ensures accurate tracking, efficient inventory management, and streamlined workflows without limiting you to a single technology.



FIND OUT MORE www.dentaltracking.com
Contact: dts.sales@lm-dental.com

DISCOVER THE BENEFITS OF OUR CLOUD-BASED PRODUCT MODULES

Asset and Process Management Module

Centralized tracking of asset usage and availability

Track, record, and secure assets

Monitor process

Decentralized dispensing

Identify users for full traceability

Analyze performance

Allocate costs

Inventory Management Module

Seamless inventory management that tracks, optimizes and alerts when needed

Track and record stock

Forecast demand

Monitor expiry dates

Organize warehouse

Know your stock value

Allocate costs

LMDental™

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