

LMSharpDiamond™

LM

feel the
difference

LMSharpDiamond™
SHARPEN FREE COATING



CHOOSE SHARP.



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difference

We create genuine value for dental care professionals

LM Sharp Diamond™ instruments are completely sharpen free. These instruments are made from exceptionally durable special metal alloy, and its wear resistance is enhanced by a protective micro membrane coating.

Excellent sharpness and comfort

LM Sharp Diamond™ instruments with LM-ErgoSense® handle are especially suitable for clinicians who use hand instruments frequently and want to minimize the time spent maintaining dental instruments. These instruments combine optimal characteristics of superior sharpness, tactile sensitivity and comfort.





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Better instruments bring better outcomes

LM Sharp Diamond™ instruments are well-suited for all forms of scaling. These instruments retain their original functionality, size and shape throughout their lifetime. The time saved from sharpening can be used for productive work and promotion of health. Choose sharp and work efficiently.

“LMSharpJackTM - what a great instrument!

It has the best features you could wish for. It's very narrow and thin which allows you to enter everywhere, even in the smallest areas. Perfect that the tip is so long so you can get in between molars. My favorite without competition, I'm in love!”

Malin, Registered Dental Hygienist, Sweden



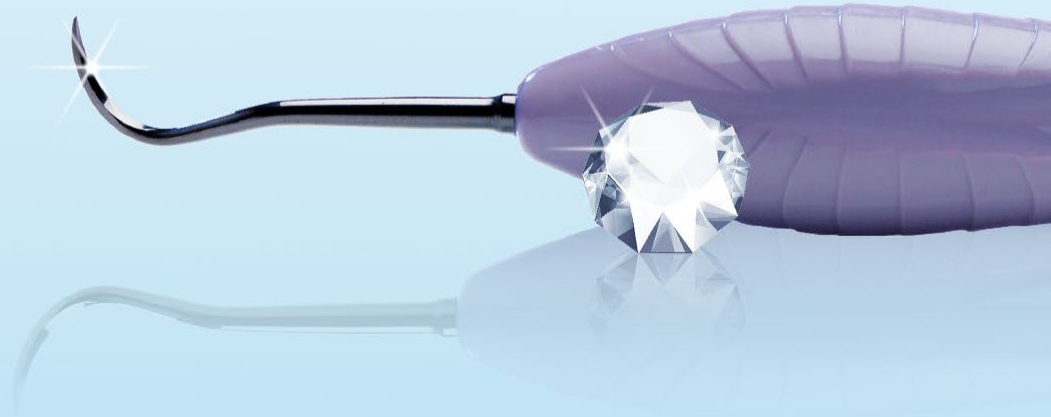
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Thin blades and optimally angled shank

The new LM-SharpJack™ instrument features extra long, thin blades for convenient interproximal access presenting the most popular scaler design in the US. The shank is optimally angled to universally adapt in anterior and posterior regions.

[Click here for a video
about LM-SharpJack™](#)



Sharpen free instruments – finished design and usability



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Sickle Scalers

LM-SharpJack™ SD

- Anterior/posterior scaler
- Thin dual-edged blades for easy and efficient interproximal access

LMErgoSense®

LM 315-316SD ES



Scaler LM Nebraska 128 SD

- Instrument for the anterior interproximals

LMErgoSense®

LM 128-128SD ES



Micro Sickle SD

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

LMErgoSense®

LM 301-302SD ES



Sharpen free instruments – finished design and usability



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Sickle Scalers

Mini Sickle SD

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

LMErgoSense®

LM 311-312SD ES



Sickle LM204S SD

- Sharply angulated shank and very fine working end

LMErgoSense®

LM 128-128SD ES



Sickle LM23 SD

- Posterior scaler
- Shorter blades and longer lower shank than in Mini Sickle

LMErgoSense®

LM 313-314SD ES



Sharpen free instruments – finished design and usability



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Sickle Scalars

Universal Curettes

Scaler H6-H7 SD

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

LMErgoSense®

LM 146-147SD ES



Columbia 4L-4R SD

- For incisors, canines and premolars
- For heavier calculus

LMErgoSense®

LM 219-220SD ES



Barnhart 5-6 SD

- For molars
- Shorter lower shank

LMErgoSense®

LM 227-228SD ES



LM Dual Gracey™ for EASY INSTRUMENTATION


LM Dual Gracey™ combines the benefits of a universal curette and a Gracey curette in one. These instruments are designed for the removal of supra and subgingival calculus from all tooth surfaces. The LM Dual Gracey™ concept, combining Gracey curettes and universal curettes, enables fewer instruments to be used. The traditional set of four Graceys may be replaced with only two LM Dual Gracey™ instruments: Syntette™ and Syntette™ Anterior.



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SIMPLY CLEVER TIP DESIGN

Each LM Dual Gracey™ tip has two elliptical cutting edges - a mesial and a distal edge. This design allows for treatment of both mesial and distal tooth surfaces. The lower shank is kept parallel to the tooth surface while scaling, of particular convenience when accessing subgingivally. LM Dual Graceys™ are suitable for vertical, horizontal and oblique scaling techniques.



LM Dual Gracey™ instruments have rounded tips with two cutting edges.



Click here for a video
about LM Dual Graceys™



LM Dual Graceys™

- The original LM Dual Gracey™ curette, 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
- Mini model is excellent in narrow and deep pockets

Syntette™ SD

LM ErgoSense®

LM 215-216SD ES



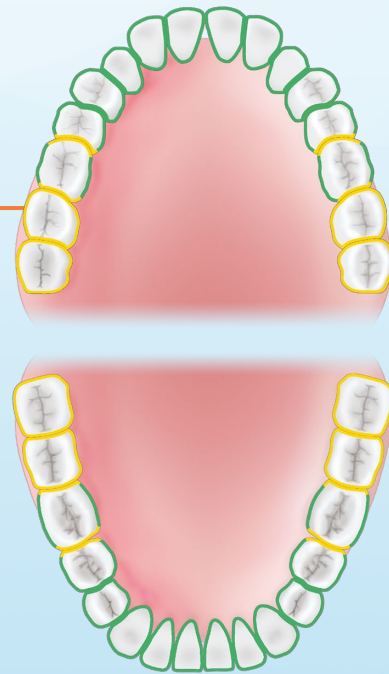
Mini Syntette™ SD

LM ErgoSense®

LM 215-216MSD ES



Recommendation for
optimal treatments



LM Dual Graceys™

- New Syntette™ Anterior is completing the set of LM Dual Graceys™
- 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
- Mini model is excellent in narrow and deep pockets

Syntette™ Anterior SD

LM ErgoSense®

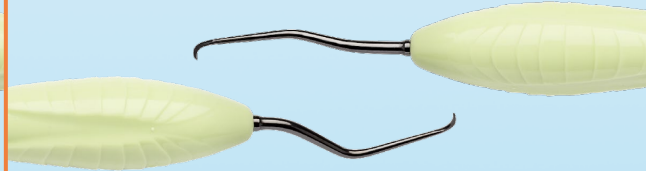
LM 275-276SD ES



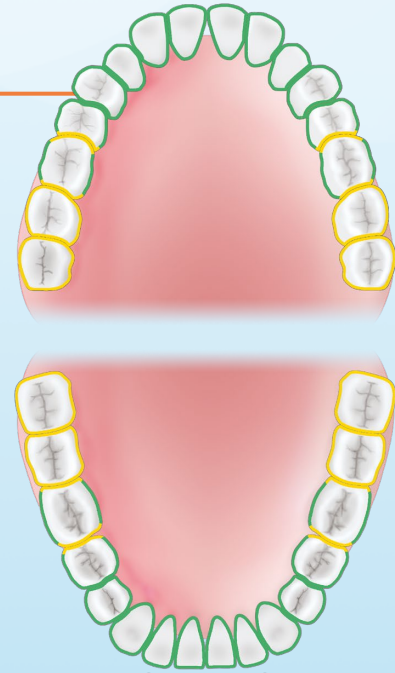
Mini Syntette™ Anterior SD

LM ErgoSense®

LM 275-276MSD ES



Recommendation for
optimal treatments



Gracey Curettes

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- For incisors and premolars

Gracey 1/2 SD

LMErgoSense®

LM 201-202SD ES



Mini Gracey 1/2 SD

LMErgoSense®

LM 201-202MSD ES



- For premolars and molars
- For buccal and lingual surfaces

Gracey 7/8 SD

LMErgoSense®

LM 207-208SD ES



Mini Gracey 7/8 SD

LMErgoSense®

LM 207-208MSD ES



Gracey Curettes

- For molars' buccal and lingual surfaces using horizontal technique

Gracey 9/10 SD

LMErgoSense®

LM 209-210SD ES

NEW



- For premolars and molars
- For mesial surfaces

Gracey 11/12 SD

LMErgoSense®

LM 211-212SD ES



Mini Gracey 11/12 SD

LMErgoSense®

LM 211-212MSD ES



Gracey Curettes

- For premolars and molars
- For distal surfaces

Gracey 13/14 SD

LMErgoSense®

LM 213-214SD ES



Mini Gracey 13/14 SD

LMErgoSense®

LM 213-214MSD ES



Gracey 15/16 SD

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

LMErgoSense®

LM 245-246SD ES



Mini Gracey 15/16 SD

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

LMErgoSense®

LM 245-246MSD ES



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Gracey Currettes

Gracey 17/18 SD

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

LM ErgoSense®

LM 247-248SD ES

NEW



Mini Gracey 17/18 SD

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

LM ErgoSense®

LM 247-248MSD ES





feel the
difference

CHOOSE SHARP.

Opposites attract. This holds true with high-quality periodontal instruments. Optimally they are razor sharp, extremely hard, yet smooth and light. A new micro coating made using modern Physical Vapor Deposition (PVD) technology enables LM™ to create LM Sharp Diamond™ instruments combining these features optimally: they are completely sharpen free, tough but refined.

No more sharpening.

[Click here for a video about
LM Sharp Diamond™](#)



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“It’s great that I don’t need
to waste my time on
sharpening any longer!

*Since the LM Sharp Diamond™ instruments are
totally sharpen free, I can concentrate on the clinical
work. I can remove calculus with controlled strokes
using extremely light grip. The long lasting sharpness
really makes a difference!”*

Anna, Registered Dental Hygienist, USA



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SHARPEN FREE MICRO COATING

Savings
of time & money




















Long-lasting
superior sharpness

Highest rated ergonomics
with sensational grip*

Improved productivity
& clinical results

You will enjoy full control and improved tactile sense,
while effectively removing the calculus.

DIAMOND-LIKE FEATURES

Sharpen free.....					
Superior sharpness.....					
Highest rated ergonomics.....					
Minimum maintenance.....					

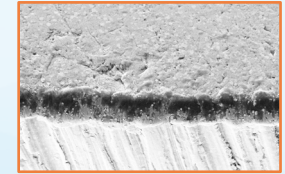
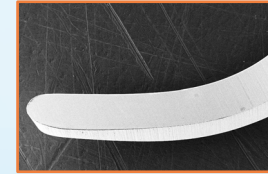
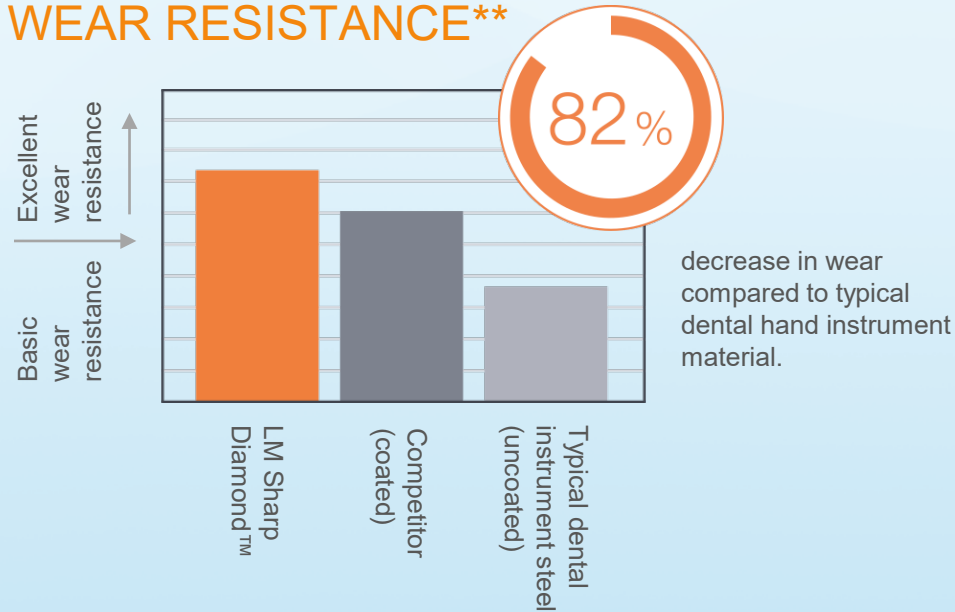
HARDNESS

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

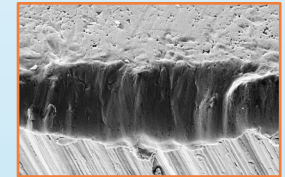


Reference studies: *(1) Sormunen E., Nevala N: Evaluation of ergonomics and usability of dental scaling instruments; Dental scaling simulation and Field study, part III. Finnish Institute of Occupational Health, LM-Instruments Oy. (2) Nevala N, Sormunen E, Remes J, Suomalainen K: Ergonomic and productivity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

WEAR RESISTANCE**



Cutting edge of the LM Sharp Diamond™ curette and the magnification of the edge after the test.



Cutting edge of a typical non-coated curette and the magnification of the edge after the test.

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LMDental™



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