

# DIAGNOSTICS

Mirror handles | Explorers | Periodontal probes | Furcation probes



## 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.



### LM-ErgoSingle™ Mirror Handle

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

#### LMErgoSingle™

- LM 25 ESI RED
- LM 25 ESI GREY
- LM 25 ESI BLUE

#### LMErgoSingle™

- LM 28 ESI RED
- LM 28 ESI GREY
- LM 28 ESI BLUE

### Mirror Handle 25

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

#### LMErgoSense®

- LM 25 ES RED
- LM 25 ES GREY
- LM 25 ES BLUE



- LM 25 ES REDT
- LM 25 ES GREYT
- LM 25 ES BLUET

#### LMErgoMax™

- LM 25 XSI RED
- LM 25 XSI GREY
- LM 25 XSI BLUE

#### LMErgoNorm™

- LM 25 SI RED
- LM 25 SI GREY
- LM 25 SI BLUE



### Handle options:



LMErgoSense®



LMErgoMax™



LMErgoNorm™



Mirror Handle 28

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

**LMErgoSense®**

- LM 28 ES RED
- LM 28 ES GREY
- LM 28 ES BLUE

**LMErgoMax™**

- LM 28 XSI RED
- LM 28 XSI GREY
- LM 28 XSI BLUE



- LM 28 ES REDT
- LM 28 ES GREYT
- LM 28 ES BLUET



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®** LM 25-26 ES

**LMErgoSense®** LM 25-26 EST

**LMErgoMax™** LM 25-26 XSI

**LMErgoSense®** LM 28-26 ES

**LMErgoSense®** LM 28-26 EST

**LMErgoMax™** LM 28-26 XSI



Mirror Handle JM

- For implant installation

**LMErgoSense®** LM 25-473 ES

**LMErgoSense®** LM 25-473 EST

**LMErgoMax™** LM 25-473 XSI

**i** Handle options:

**LMErgoSense®**

**LMErgoMax™**

**LMErgoNorm™**

## EXPLORERS

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



### Explorer 5-8

- Standard explorer for diagnostic and operative procedures

- LMErgoSense®** LM 5-8 ES
- LMErgoSense®** LM 5-8 EST
- LMErgoMax™** LM 5-8 XSI
- LMErgoNorm™** LM 5-8 SI



### Explorer 5-9

- Standard explorer for diagnostic and operative procedures

- LMErgoSense®** LM 5-9 ES
- LMErgoSense®** LM 5-9 EST
- LMErgoMax™** LM 5-9 XSI
- LMErgoNorm™** LM 5-9 SI



Especially for probing distal surfaces of posterior teeth.

### Explorer, centered 9-17C

- Standard explorer for diagnostic and operative procedures

- LMErgoSense®** LM 9-17C ES
- LMErgoSense®** LM 9-17C EST
- LMErgoMax™** LM 9-17C XSI
- LMErgoNorm™** LM 9-17C SI



### 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®** LM 17-23 ES
- LMErgoSense®** LM 17-23 EST
- LMErgoMax™** LM 17-23 XSI
- LMErgoNorm™** LM 17-23 SI



Especially for probing distal surfaces.

### 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)

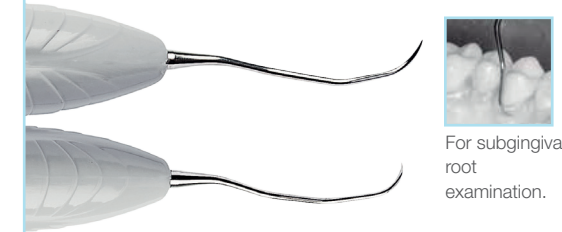
- LMErgoSense®** LM 17C-23 ES
- LMErgoSense®** LM 17C-23 EST
- LMErgoMax™** LM 17C-23 XSI
- LMErgoNorm™** LM 17C-23 SI



### Explorer 3-6

- Standard explorer for diagnostic and operative procedures

- LMErgoSense®** LM 3-6 ES
- LMErgoSense®** LM 3-6 EST
- LMErgoMax™** LM 3-6 XSI
- LMErgoNorm™** LM 3-6 SI

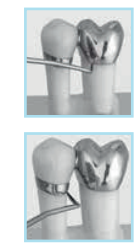


For subgingival root examination.

### Explorer 11-12

- Angles similar to Gracey 11/12  
 - For probing proximal and cervical caries

- LMErgoSense®** LM 11-12 ES
- LMErgoSense®** LM 11-12 EST
- LMErgoMax™** LM 11-12 XSI
- LMErgoNorm™** LM 11-12 SI



i

Handle options:



LM ErgoSense®



LM ErgoMax™



LM ErgoNorm™

Flexplorer 11F-12F

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

- LM ErgoSense® LM 11F-12F ES
- LM 11F-12F EST
- LM ErgoMax™ LM 11F-12F XSI

Explorer 18-19

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

- LM ErgoSense® LM 18-19 ES
- LM 18-19 EST
- LM ErgoMax™ LM 18-19 XSI
- LM ErgoNorm™ LM 18-19 SI

Explorer 29

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

- LM ErgoSense® LM 29 ES
- LM 29 EST
- LM ErgoMax™ LM 29 XSI
- LM ErgoNorm™ LM 29 SI

High sensitivity at seams.

Explorer 9

- Single-ended

- LM ErgoSense® LM 9 ES
- LM 9 EST
- LM ErgoMax™ LM 9 XSI
- LM ErgoNorm™ LM 9 SI

## 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



Explorer - Periodontal Probe 23-52B

- LMErgoSense®** LM 23-52B ES
- LMErgoSense®** LM 23-52B EST
- LMErgoMax™** LM 23-52B XSI
- LMErgoNorm™** LM 23-52B SI



Explorer - Periodontal Probe 8-520B

- LMErgoSense®** LM 8-520B ES
- LMErgoSense®** LM 8-520B EST
- LMErgoMax™** LM 8-520B XSI
- LMErgoNorm™** LM 8-520B SI



Explorer - Periodontal Probe 23-520B

- LMErgoSense®** LM 23-520B ES
- LMErgoSense®** LM 23-520B EST
- LMErgoMax™** LM 23-520B XSI
- LMErgoNorm™** LM 23-520B SI



Explorer - Periodontal Probe 23-530B

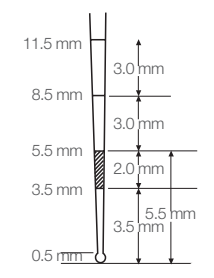
- LMErgoSense®** LM 23-530B ES
- LMErgoSense®** LM 23-530B EST
- LMErgoMax™** LM 23-530B XSI
- LMErgoNorm™** LM 23-530B SI

2 mm scale

3 mm scale

Ball end  $\varnothing$  0,5 mm

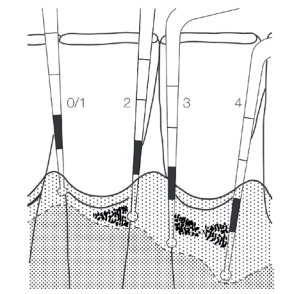
- Increases tactile sensitivity
- Does not damage tissue or pierce pocket bottom
- Gives more accurate pocket depth measurement
- Gives information on subgingival calculus and other root surface unevenness



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

- LM**ErgoSense® LM 51 ES
- Ⓒ** LM 51 EST
- LM**ErgoMax™ LM 51 XSI
- LM**ErgoNorm™ LM 51 SI

Explorer - WHO Probe 8-550B

- LM**ErgoSense® LM 8-550B ES
- Ⓒ** LM 8-550B EST
- LM**ErgoMax™ LM 8-550B XSI
- LM**ErgoNorm™ LM 8-550B SI

Explorer - WHO Probe 23-550B

- LM**ErgoSense® LM 23-550B ES
- Ⓒ** LM 23-550B EST
- LM**ErgoMax™ LM 23-550B XSI
- LM**ErgoNorm™ LM 23-550B SI

WHO Probe 550B

- Single-ended

- LM**ErgoSense® LM 550B ES
- Ⓒ** LM 550B EST
- LM**ErgoMax™ LM 550B XSI
- LM**ErgoNorm™ LM 550B SI



North Carolina Probe 54B

- Single-ended

- LMErgoSense®** LM 54B ES
- LMErgoSense®** LM 54B EST
- LMErgoMax™** LM 54B XSI



Marquis 12 Probe 53B

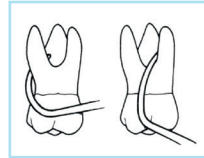
- Single-ended  
- Similar to 530B but without ball end

- LMErgoSense®** LM 53B ES
- LMErgoSense®** LM 53B EST
- LMErgoMax™** LM 53B XSI

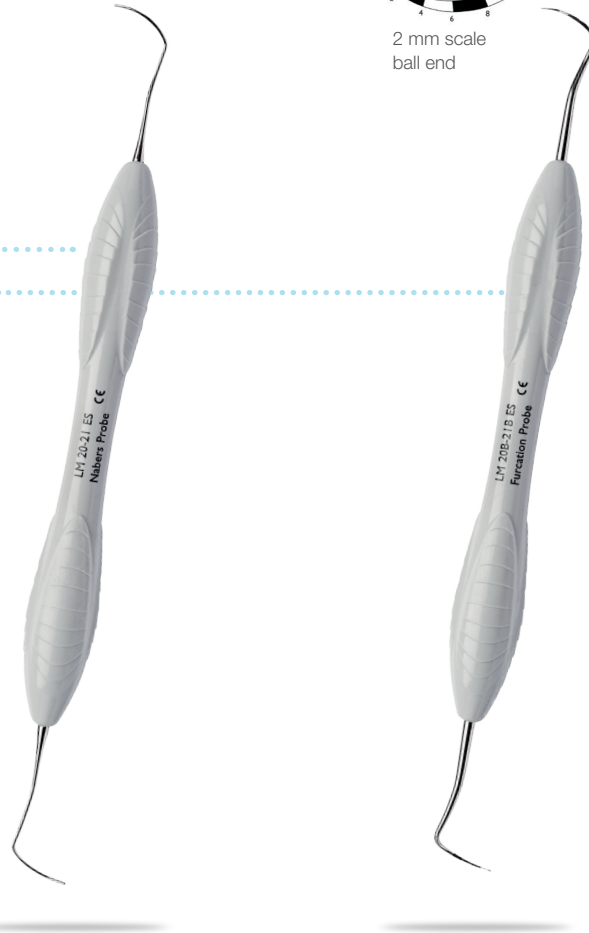
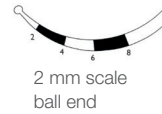
**FURCATION PROBES**



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

Furcation Probe

- LMErgoSense®** LM 20B-21B ES
- LMErgoSense®** LM 20B-21B EST
- LMErgoMax™** LM 20B-21B XSI
- LMErgoNorm™** LM 20B-21B SI

**i** Handle options:

- LMErgoSense®** **LMErgoSense®**
- LMErgoMax™**
- LMErgoNorm™**