PiezoLine.
Ultrasonic tips.

PiezoLine
High-quality ultrasonic tips
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As at January 2015
Apart from its comprehensive assortment of sonic tips from the popular SonicLine, Komet® has added its PiezoLine comprising a multitude of ultrasonic tips for scaling, periodontal treatments and implant prophylaxis to its existing product range. On the following pages, we would like to give you detailed information on the wide range of applications of these tips.

The ultrasonic tips are easy to identify thanks to their laser etched order numbers. The ultrasonic tips EM1, Sl1 and KA2 are supplied with a torque wrench which can be sterilized and reprocessed together with the ultrasonic tip in a sterilization container.

After completion of the treatment, the ultrasonic tips can be reprocessed in a Miele washer/disinfector, together with a rinse adapter which is part of a validated reprocessing method. On request, we will be pleased to send you our leaflet with instructions on the appropriate reprocessing of sonic and ultrasonic tips.

The PiezoLine is composed of the following tips:
- Ultrasonic tips with shank marked EM1
- Ultrasonic tips with shank marked Sl1
- Ultrasonic tips with shank marked KA1
- Ultrasonic tips with shank marked KA2

Please observe the below detailed recommendations for the appropriate use of the ultrasonic tips contained in the PiezoLine:

General recommendations for use:
- To select the appropriate power setting for your chosen ultrasonic tip, please refer to the instructions for use enclosed with the tips.
- Before placing the ultrasonic tip against the tooth, start the tip with plenty of spray cooling. To this end, all scalers and periodontal sonic tips should be set to ensure a generous flow of cooling liquid. For further information, please refer to the instructions enclosed with the tips.
- During the treatment, hold the instrument in a tangential position to the tooth.
- Always use ultrasonic tips with low contact pressure. Excessive contact pressure decreases the oscillations of the ultrasonic tip, thus reducing its efficiency.
Ultrasonic tips | EM1

The range of EM1 ultrasonic tips.
Compatible with EMS® units.

With its assortment of EM1 ultrasonic tips, the PiezoLine offers a selection of high-quality ultrasonic tips that are compatible with EMS® ultrasonic systems.

The ultrasonic tips with EM1 connection can be used with the following hand pieces:
- Piezon® Master 700, MiniMaster®, Mini-Master® LED and MiniPiezon®, all made by the co. EMS®, or
- Titanus® E of the co. TEKNE DENTAL*

All ultrasonic tips with EM1 connection are supplied with a torque wrench.

Advantages of the torque wrench:
- Easy insertion and removal of the ultrasonic tips
- Safe and clear storage of the ultrasonic tips
- The ultrasonic tips are sterilized in the torque wrench

*Piezon®, MiniMaster® and MiniPiezon® are registered trademarks of the co. EMS®. Titanus® E is a registered trademark of the company TEKNE DENTAL, Italy
Scalers | EM1

Prophylaxis. Compatible with EMS® units.
Scalers for the removal of supragingival calculus and concrements.

A.EM1
Removal of supragingival calculus in all quadrants.
[Fig. 1]

B.EM1
Work on lingual surfaces in all quadrants and removal of residual cement. At a low power setting, these ultrasonic tips can also be used for removing thin deposits from occlusal surfaces.
[Fig. 2]

C.EM1
Work on the front teeth and removal of residual cement, for example in orthodontics.
Thanks to its flat tip, this instrument is particularly suitable for work on outer dental surfaces.
[Fig. 3]

P.EM1
Removal of calculus both below and above the gingiva or removal of subgingival concrements in all quadrants, especially in interdental spaces and in the region of the sulcus.
[Fig. 4]

P.S.EM1
Removal of supragingival calculus and subgingival deposits from the surfaces of dental roots. Also suitable for rinsing gingival pockets.
[Fig. 5]

PL9.EM1
Removal of calculus both below and above the gingiva or removal of subgingival concrements in all quadrants, especially in interdental spaces and in the region of the sulcus.
[Fig. 4]

Periodontology | EM1

Periodontology. Compatible with EMS® units.
For the subgingival removal of concrements.

PL1.EM1 + PL2.EM1
Removal of periodontal debridement in hard-to-access interproximal surfaces.
[Fig. 1]

PL3.EM1
Cleaning and disinfection of periodontal pockets
[Fig. 3]

PL4.EM1 + PL5.EM1
Removal of periodontal debridement from root furcations and concavities.
[Fig. 2]

PL9.EM1
Removal of supragingival calculus and subgingival deposits from the surfaces of dental roots. Also suitable for rinsing gingival pockets.
[Fig. 5]
Implant Cleaning | SF1982

Implant prophylaxis. Compatible with EMS® units. For cleaning implant necks and reconstructions.

Advantages of Komet tips for implant prophylaxis (EM1):

• No abrasion
• No roughening of smooth implant necks
• Easy to handle screw connection between the holder and the polymer pin
• Disposable pin. The holder is reusable and can therefore be reprocessed and sterilized

Advantages of the torque wrench:

• Easy insertion and removal of the ultrasonic tips
• Safe and clear storage of the ultrasonic tips
• The ultrasonic tips are sterilized in the torque wrench

Accessories

All EM1 ultrasonic tips are supplied with a torque wrench.

97507 Sterilization container for 5 ultrasonic tips EM1 in their torque wrenches and a holder for the hand piece (without instruments)

97509 Cleaning wire for the cooling passages of ultrasonic tips

SF 1977 Bore opener for ultrasonic tips, compatible with EMS® ultrasonic tips

97508 Rinse adapter for ultrasonic tips, compatible with EMS® ultrasonic tips (For reprocessing in a Miele washer/disinfector)
The range of SI1 ultrasonic tips. Compatible with Sirona® units.

The SI1 range offers a selection of high-quality ultrasonic tips that are compatible with Sirona® ultrasonic systems. All ultrasonic tips with SI1 connection are supplied with a torque wrench.

The ultrasonic tips with SI1 connection can be used with the following hand pieces:
- PerioSonic for PerioScan
- SIROSONIC/L and SIROSONIC TL, designed for use in the treatment units TENO and SINIUS

Advantages of the torque wrench:
- Easy insertion and removal of the ultrasonic tips
- Safe and clear storage of the ultrasonic tips
- The ultrasonic tips are sterilized in the torque wrench
Scalers | SI1

Scalers for prophylaxis. Compatible with Sirona® units. For the removal of supragingival calculus and concrements.

1LSI1
Work on large lingual and buccal surfaces. [Fig. 1]

2LSI1
Versatile tip for work on lingual, buccal and proximal surfaces. [Fig. 2]

3LSI1
Removal of calculus both below and above the gingiva, versatile bilateral use. Also suitable for use in the interdental regions. [Fig. 3]

4LSI1
Removal of calculus both below and above the gingiva, versatile bilateral use. The instrument is particularly suitable for work in interdental regions. [Fig. 4]

Advantages of Komet scalers (SI1):
• Easy removal of calculus and concrements
• Precise work
• Less fatigue to the operator’s hand and wrist (compared to manual instruments)

Periodontal tips | SI1

Periodontology. Compatible with Sirona® units. For the removal of subgingival concrements.

PE1.SI1
Suitable for rinsing and scaling roots in deep gingival pockets. [Fig. 1]

PE2.SI1 + PE3.SI1
Periodontal debridement in deep gingival pockets in the lateral region. [Fig. 2]

4PS.SI1
Particularly suitable for scaling roots and rinsing deep gingival pockets. [Fig. 1]

PE5.SI1 + PE6.SI1
Scaling roots in deep gingival pockets in the lateral region. [Fig. 3]

Advantages of Komet periodontal tips (SI1):
• Optimum bacteria management
• Gentle on the soft tissue and root surfaces
Implant Cleaning | SF1982

Implant prophylaxis. Compatible with Sirona® units. For cleaning implant necks and reconstructions.

Advantages of Komet tips for implant prophylaxis (Sl1):

- No abrasion
- No roughening of smooth implant necks
- Easy to handle screw connection between the holder and the polymer pin
- Disposable pin. The holder is reusable and can therefore be reprocessed and sterilized

Accessories

Advantages of the torque wrench:

- Easy insertion and removal of the ultrasonic tips
- Safe and clear storage of the ultrasonic tips
- The ultrasonic tips are sterilized in the torque wrench

1981.SI1
Holder for ultrasonic tips
Compatible with Sirona® units

SF1982.000
Polymer pin

566.000
Mounting wrench

Set 4647
Polymer pin SF1982, 1 holder 1981 SI1 and 1 mounting wrench 566

97607
Sterilization container for 5 ultrasonic tips SI1 in their torque wrenches and a holder for the handpiece (without ultrasonic tips)

97509
Cleaning wire for the cooling passages of ultrasonic tips

97817
Sterile access to ultrasonic tips compatible with Sirona® ultrasonic tips for reprocessing in a Miele washer/dischamer (without sterilization)
Ultrasonic tips | KA1 and KA2

Compatible with KaVo units.
The range of KA1 and KA2 ultrasonic tips.

The product assortments KA1 and KA2 offer a selection of high-quality ultrasonic tips that are compatible with KaVo ultrasonic systems.

The ultrasonic tips with KA1 connection can be used with the following hand pieces:
- KaVo Piezo LUX® or KaVo Piezo SONOris/SONOsoft LUX

The ultrasonic tips with KA2 connection can be used with the following hand pieces:
- KaVo Piezo LED™ or KaVo PieZOsoft, intended for use in the units Estetica E80, E70, E50 and Primus 1058.
Scalers | KA1

Scalers for prophylaxis. Compatible with KaVo Piezo LUX®/SONOsoft units. For the removal of supragingival calculus and concrements.

LU8.KA1
Removal of supragingival and subgingival concrements. Treatment of periodontal pockets with a depth of up to 4 mm. [Fig. 1]

LU9.KA1
Crescent-shaped scaler tip for the scaling of supragingival calculus in all quadrants. [Fig. 2]

LU10.KA1
“Periodontal” scaler tip for the removal of supragingival concrements in all quadrants, especially in the interproximal regions and in the sulcus area.

LU11.KA1
Universal scaler tip for the removal of supragingival and subgingival calculus up to a depth of 2 mm. [Fig. 3]

Advantages of Komet scaler tips for KaVo PiezoLUX®/SONOsoft:
• Easy removal of calculus and concrements
• Precise work
• Less fatigue to the operator’s hand and wrist (compared to manual instruments)

Periodontal tips | KA1

Periodontology. Compatible with KaVo Piezo LUX®/SONOsoft units. For the removal of subgingival concrements.

LU63.KA1
Long, straight periodontal tip. Suitable for removing subgingival concrements up to a depth of up to 9 mm, intended for the anterior region and smooth surfaces. [Fig. 1]

LU64.KA1
Periodontal tip curved to the right. For cleaning subgingival pockets with a depth of up to 9 mm.

LU65.KA1
Periodontal tip curved to the left. For cleaning subgingival pockets with a depth of up to 9 mm.

Advantages of Komet periodontal tips for KaVo PiezoLUX®/SONOsoft:
• Optimum bacteria management
• Gentle on the soft tissue and root surfaces
Implant Cleaning | SF1982

Implant prophylaxis. Compatible with KaVo PiezoLUX® units. For cleaning implant necks and reconstructions.

Advantages of Komet tips for implant prophylaxis (KA1):
- No abrasion
- No roughening of smooth implant necks
- Easy to handle screw connection between the holder and the polymer pin
- Disposable pin. The holder is reusable and can therefore be reprocessed and sterilized

Accessories

Advantages of the torque wrench:
- Easy insertion and removal of the ultrasonic tips
- Safe and clear storage of the ultrasonic tips

L1981 KA1
Holder for ultrasonic tips
Compatible with Komet PiezoLux units

SF1982.000
Polymer pin

566.000
Mounting wrench

Set 4653
SF1982, 1 holder L1981.KA1 and 1 mounting wrench 566

SF4887
Torque wrench

SF1977
Rinse adapter for ultrasonic tips compatible with KaVo PiezoSoft
Compatible with reprocessing in a Miele washer/dishwasher

Rinse adapter for ultrasonic tips
Scalers | KA2

Scalers for prophylaxis. Compatible with KaVo PiezoLED®/PIEZOsoft units. For the removal of supragingival calculus and concretions.

LE201.KA2
Removal of supragingival concretions in all quadrants.
[Fig. 1]

LE202.KA2
Removal of supragingival concretions in all quadrants, especially in the interproximal regions and in the sulcus area.
[Fig. 2]

Advantages of Komet scaler tips for KaVo PiezoLED®/PIEZOsoft:
• Easy removal of calculus and concretions
• Precise work
• Less fatigue to the operator’s hand and wrist (compared to manual instruments)

LE203.KA2
Removal of subgingival deposits on root surfaces and rinsing of gingival pockets. [Fig. 3]

LE8.KA2
Removal of supragingival and subgingival concretions. Treatment of pockets with a depth of up to 4 mm.

Periodontal tips | KA2

Periodontology. Compatible with KaVo PiezoLED® units. For the removal of subgingival concretions.

LE210.KA2
Polishing of dental surfaces after cleaning and thorough scaling of the root under direct vision. Also suitable for smoothing excessive, overhanging restoration material and enlarging furcation roofs.
[Fig. 1]

LE211.KA2
Thorough cleaning of the root under direct vision, smoothing excessive, overhanging restoration material and enlarging furcation roofs.

LE212.KA2 + LE213.KA2
Periodontal debridement in hard-to-reach interproximal areas and in particular for root furcations.

LE214.KA2
Cleaning and disinfection of periodontal gingival pockets. Particularly suitable for check-up treatments.
[Fig. 2]

Advantages of Komet periodontal tips for KaVo PiezoLED®:
• Optimum bacteria management
• Gentle on the soft tissue and root surfaces

*Periodontal ultrasonic tips KA2 are only compatible with KaVo PiezoLED® units.
Implant Cleaning | SF1982

Implant prophylaxis. Compatible with KaVo PiezoLED® units. For cleaning implant necks and reconstructions.

Advantages of Komet tips for implant prophylaxis (KA2):
• No abrasion
• No roughening of smooth implant necks
• Easy to handle screw connection between the holder and the polymer pin
• Disposable pin. The holder is reusable and can therefore be reprocessed and sterilized

Advantages of the torque wrench:
• Easy insertion and removal of the ultrasonic tips
• Safe and clear storage of the ultrasonic tips
• The ultrasonic tips are sterilized in the torque wrench