



# PiezoLine. Ultrasonic tips.





# PiezoLine.

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As at July 2025

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Apart from the comprehensive sonic tip range (SonicLine), Komet has added the 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, SI1 and ST1 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 SI1
- Ultrasonic tips with shank marked KA1
- Ultrasonic tips with shank marked ST1

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®, MiniMaster® LED and MiniPiezon all made by the co. EMS, or
- Titanusr® 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 can be sterilized in the torque wrench



PL2175



● Scaler EM1



● Periodontal tip EM1



● Implant prophylaxis EM1





# Scaler | 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]

## P.EM1

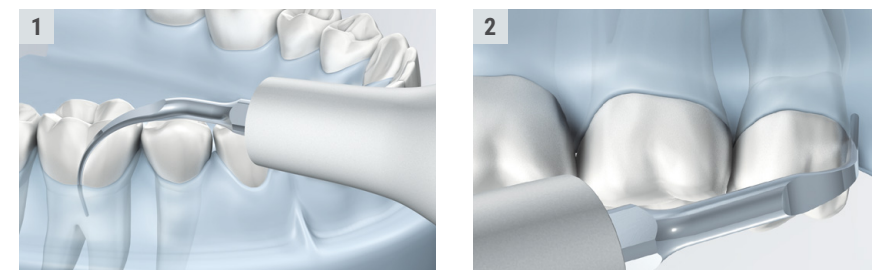
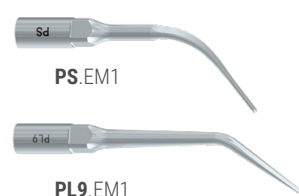
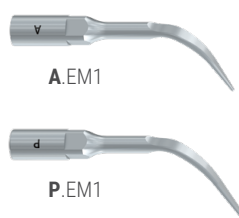
Removal of calculus both below and above the gingiva or removal of subgingival concrements in all quadrants, especially in interdental spaces and in the region of the sulcus.  
[Fig. 2]

## PS.EM1

Removal of supragingival calculus and subgingival deposits from the surfaces of dental roots. Also suitable for rinsing gingival pockets.  
[Fig. 3]

## PL9.EM1

Removal of supragingival and subgingival concrements in all quadrants. Suitable for treating gingival pockets with a depth of up to 4 mm.



# 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

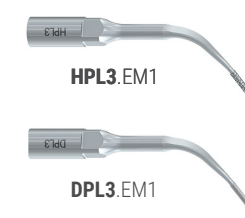
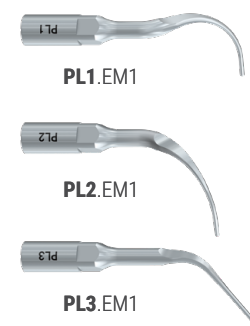
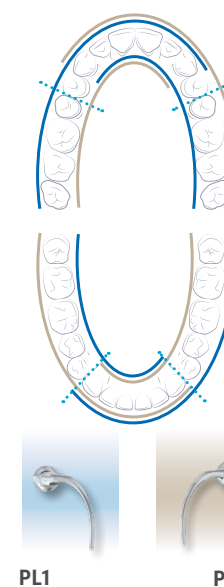
Cleaning and disinfection of periodontal pockets.  
[Fig. 2]

## HPL3.EM1

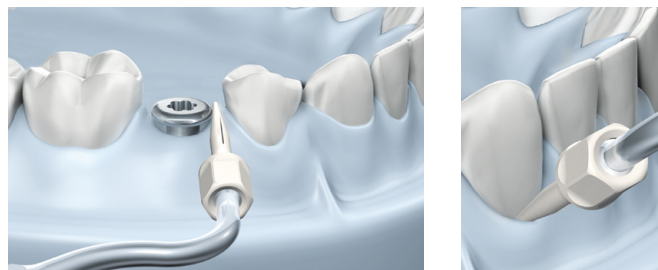
For smoothing restoration projections and also extension of furcation roofs and root planing under direct view.

## DPL3.EM1

Polishing of dental surfaces after cleaning and thorough scaling of the root under direct view.







# Implant Cleaning | SF1982

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

Used in combination with the tip holder 1981.EM1, the implant cleaning tip SF1982 (polymer pin) is designed for removing soft deposits from smooth implant necks and reconstructions above and below the gingiva

## 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



**1981.EM1**  
Holder for ultrasonic tips  
Compatible with EMS units



**SF1982**  
Polymer pin



**566**  
Mounting wrench

# Accessories



All EM1 ultrasonic tips are supplied with the torque wrench PL2175.

## Advantages of the torque wrench:

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



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



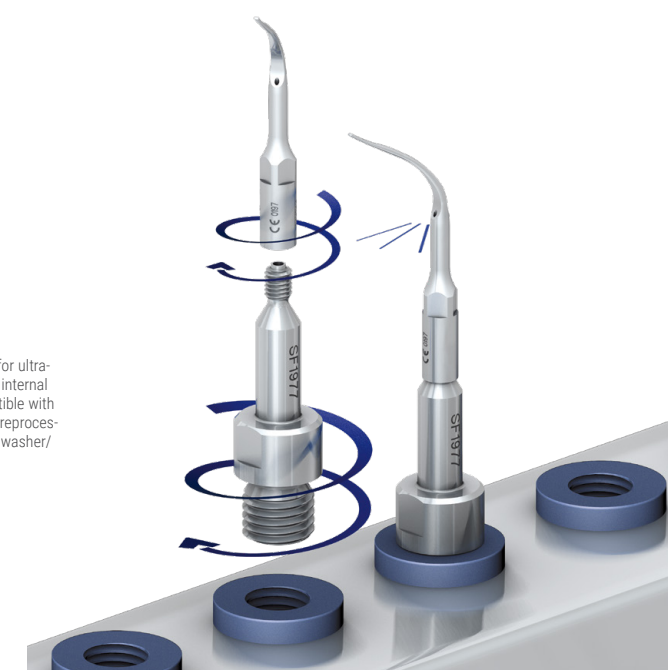
**97509**  
Cleaning wire for the cooling passages of ultrasonic tips



**SF1977L**  
Rinse adapter long for the mechanical reprocessing of the ultrasonic tips with internal thread (compatible with EMS units) in a Miele washer/disinfector



**SF1977**  
Rinse adapter for ultrasonic tips with internal thread (compatible with EMS units) for reprocessing in a Miele washer/disinfector



# Ultrasonic tips | SI1

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 TENEO 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 can be sterilized in the torque wrench



PL2075



● Scaler SI1

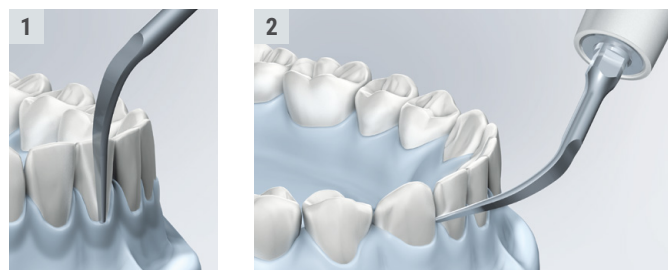


● Periodontal tip SI1



● Implant prophylaxis SI1





## Scaler | SI1

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

### 3L.SI1

Removal of calculus both below and above the gingiva, versatile bilateral use. Also suitable for use in interdental regions.  
[Fig. 1]

### 4L.SI1

Removal of calculus both below and above the gingiva, versatile bilateral use. The instrument is particularly suitable for work in interdental regions.  
[Fig. 2]

### PE9.SI1

Removal of concrements below and above the gingiva in all quadrants. Suitable for treating periodontal pockets with a depth of up to 4 mm.

#### 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)



3L.SI1



PE9.SI1



4L.SI1



## 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



PE1.SI1



4PS.SI1



PE2.SI1



PE5.SI1

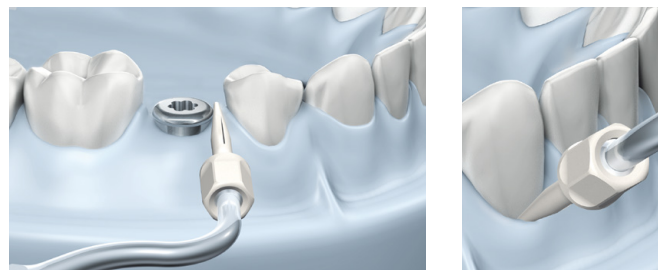


PE3.SI1



PE6.SI1





# Implant Cleaning | SF1982

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

Used in combination with the tip holder S1981.ST1, the implant cleaning tip (polymer pin) is designed for removing soft deposits from smooth implant necks and buildups below and above the gingiva.

## Advantages of Komet tips for implant prophylaxis (ST1):

- 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



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



**SF1982**  
Polymer pin



**566**  
Mounting wrench

# Accessories



All SI1 ultrasonic tips are supplied with the torque wrench PL2075.

## Advantages of the torque wrench:

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



## 97607

Sterilization container for 5 ultrasonic tips SI1 in their torque wrenches (without instruments)



## 97509

Cleaning wire for the cooling passages of ultrasonic tips



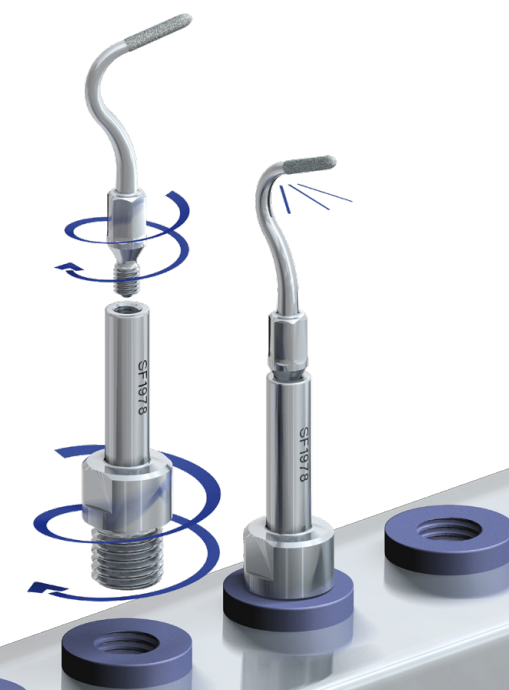
## 1978L.SI1

Rinse adapter long for the mechanical reprocessing of ultrasonic tips with external thread (compatible with Sirona® units) in a Miele washer/disinfector



## 1978.SI1

Rinse adapter for ultrasonic tips with external thread (compatible with Sirona® units) for reprocessing in a Miele washer/disinfector



# Ultrasonic tips | KA1

The range of KA1 ultrasonic tips.  
Compatible with **KaVo** units.

The product range **KA1** offers 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 PIEZOlux™ or KaVo Piezo SONOsoft/SONOsoft LUX.



● Scaler KA1

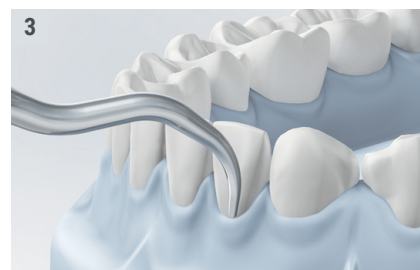
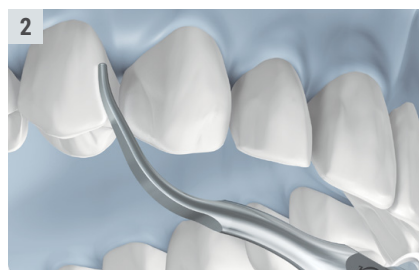


● Periodontal tip KA1



● Implant prophylaxis KA1





## Scaler | KA1

Scalers for prophylaxis. Compatible with **KaVo PIEZOlux™/SONOsoft** units. For the removal of supragingival calculus and concretions.

### LU8.KA1

Removal of supragingival and subgingival concretions. 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 concretions 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 concretions
- Precise work
- Less fatigue to the operator's hand and wrist (compared to manual instruments)



LU8.KA1



LU9.KA1



LU10.KA1



LU11.KA1



## Periodontal tips | KA1

Periodontology. Compatible with **KaVo PIEZOlux™/SONOsoft** units. For the removal of subgingival concretions.

### LU63.KA1

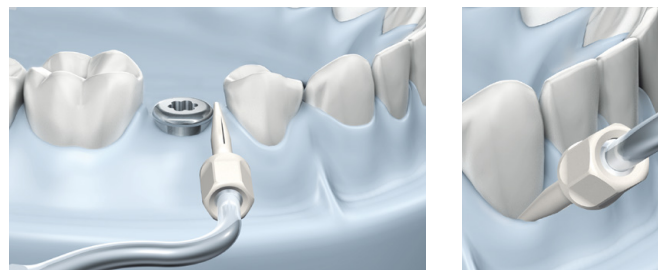
Long, straight periodontal tip. Suitable for removing subgingival concretions up to a depth of up to 9 mm, intended for the anterior region and smooth surfaces. [Fig. 1]

#### Advantages of Komet periodontal tips for KaVo PIEZOlux™/SONOsoft:

- Optimum bacteria management
- Gentle on the soft tissue and root surfaces



LU63.KA1



# Implant Cleaning | SF1982

Implant prophylaxis. Compatible with **KaVo PIEZOlux™** units.  
For cleaning implant necks and reconstructions.

Used in combination with the tip holder LU1981.KA1, the implant cleaning tip SF1982 (polymer pin) is designed for removing soft deposits from smooth implant necks and reconstructions above and below the gingiva.

## 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



**LU1981.KA1**  
Holder for ultrasonic tips  
Compatible with KaVo PIEZOlux™ units



**SF1982**  
Polymer Pin



**566**  
Mounting wrench



**SF1975**  
Torque wrench

## Advantages of the torque wrench:

- Easy insertion and removal of the ultrasonic tips
- Safe and clear storage of the ultrasonic tips



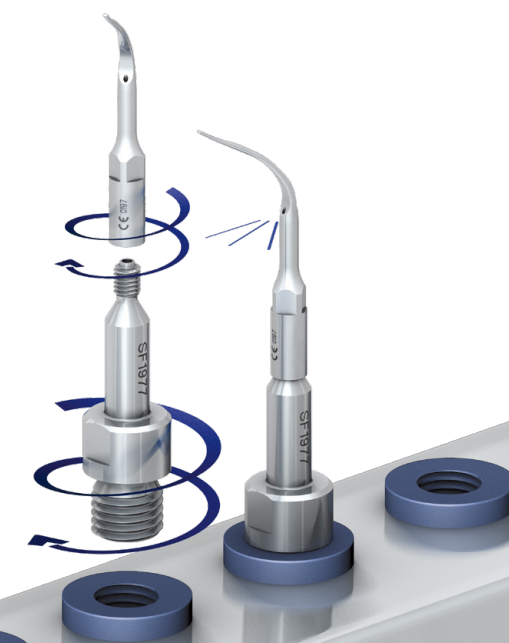
**SF1977L**  
Rinse adapter long for the mechanical reprocessing of the ultrasonic tips with internal thread (compatible KaVo PIEZOlux™ units) in a Miele washer/disinfector



**SF1977**  
Rinse adapter for ultrasonic tips with internal thread (compatible with KaVo PIEZOlux™ units) for reprocessing in a Miele washer/disinfector



**97509**  
Cleaning wire for the cooling passages of ultrasonic tips



# Accessories

# Ultrasonic tips | ST1

Our range of ultrasonic tips ST1.  
Compatible with **Satelec®** and **NSK** units.

Our **ST1** line offers a selection of high-quality ultrasonic tips that are compatible with the ultrasonic systems Satelec® and NSK.

The ultrasonic tips with **ST1** connection can be used in the following handpieces:

- Newtron, Newtron LED, Newtron SLIM and Newtron SLIM B.LED, all made by the co. Satelec®, designed for use in the treatment units Newtron P5 (XS), Suprasson P5 Booster, P5 Newtron (LED) (XS), P-MAX Newtron (XS) and Prophymax Newtron.
- Varios 2 and Varios 2 LUX, designed for use in the treatment units Varios 970 and Varios 370 made by the co. NSK.

All **ST1** ultrasonic tips 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 can be sterilized in the torque wrench



PL2275



● Scaler ST1

● Periodontal tip ST1

● Implant prophylaxis ST1







## Scaler | ST1

Prophylaxis. Compatible with **Satelec®** and **NSK** treatment units.  
For the removal of supragingival calculus and concretions.

### S1.ST1

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

### S1S.ST1

Removal of concretions both below and above the gingiva in all quadrants, especially in interdental spaces.

### S10X.ST1

Removal of supragingival deposits in interdental spaces.



### S10P.ST1

Removal of supragingival and subgingival concretions in all quadrants, especially suitable for treating periodontal pockets of low depth.  
[Fig. 2]

### S10Z.ST1

Instrument with depth marking, especially suitable for the removal of soft deposits and elimination of biofilms.  
[Fig. 3]



#### Advantages of the Komet scaler tips ST1:

- Easy removal of calculus and concretions
- Precise work
- Less fatigue to the operator's hand and wrist (compared to manual instruments)



## Periodontal tips | ST1

Periodontology. Compatible with **Satelec®** and **NSK** treatment units.  
Removal of concretions below the gingiva.

### PFU.ST1

Removal of supragingival and subgingival concretions in all quadrants.  
(up to a depth of 9 mm).  
[Fig. 1]

### PFL.ST1

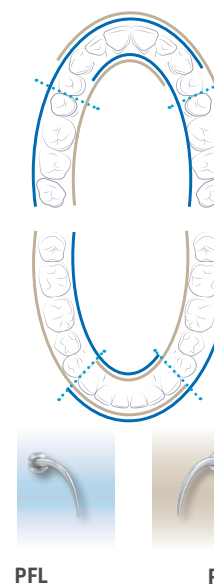
Periodontal tip, curved to the left. For the removal of supragingival and subgingival concretions in all quadrants. Especially suitable for work on hard-to-access premolars and molars.  
[Fig. 2]

### PFR.ST1

Periodontal tip, curved to the right. For the removal of supragingival and subgingival concretions in all quadrants. Especially suitable for work on hard-to-access premolars and molars.  
[Fig. 3]

#### Advantages of the Komet periodontal tips ST1:

- Optimum bacteria management
- Gentle on the soft tissue and root surface





# Implant Cleaning | SF1982

Implant prophylaxis. Compatible with **Satelec®** and **NSK** units.  
For cleaning implant necks and reconstructions.

Used in combination with the tip holder S1981.ST1, the implant cleaning tip (polymer pin) is designed for removing soft deposits from smooth implant necks and buildups below and above the gingiva.

## Advantages of Komet tips for implant prophylaxis (ST1):

- 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



**S1981.ST1**  
Holder for ultrasonic tips  
Compatible with Satelec® and NSK units



**SF1982**  
Polymer pin



**566**  
Mounting wrench



**PL2275**  
Torque wrench

## Advantages of the torque wrench:

- Easy insertion and removal of the ultrasonic tips
- Safe and clear storage of the ultrasonic tips



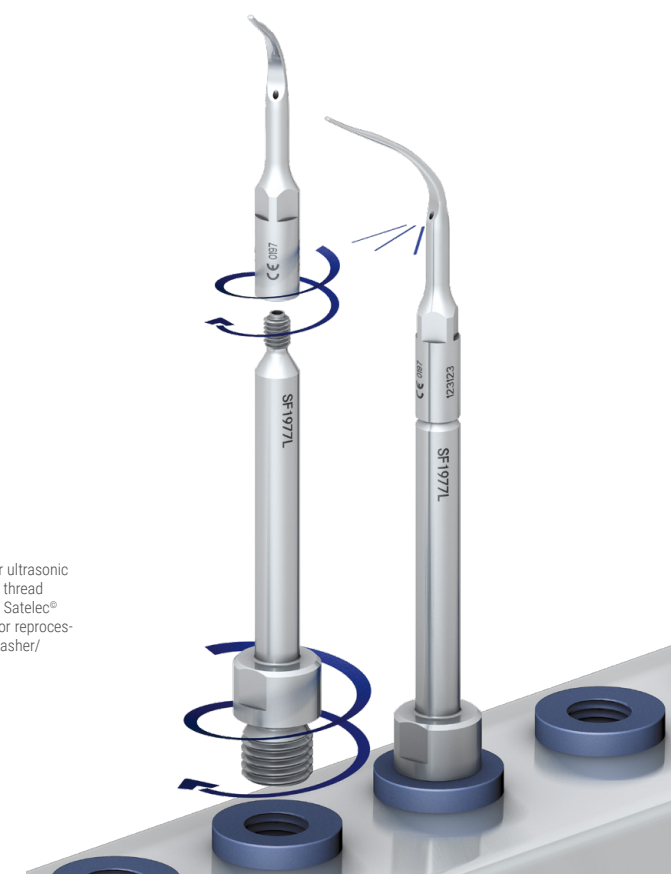
**1977L.ST1**  
Rinse adapter long for the mechanical reprocessing of ultrasonic tips with internal thread (compatible with Satelec® and NSK units) in a Miele washer/disinfector



**1977.ST1**  
Rinse adapter for ultrasonic tips with internal thread (compatible with Satelec® and NSK units) for reprocessing in a Miele washer/disinfector



**97509**  
Cleaning wire for the cooling passages of ultrasonic tips



# Accessories



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