

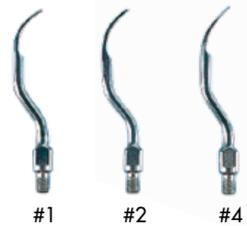
Improved air scaler for easy tartar removal.  
The scaler can be used for prophylaxis procedures or bone surgery with the aid of special KaVo/Komet inserts.  
The scaler can be used on any unit, in place of the usual high-speed turbine, without requiring any additional adjustment.  
Vibration power level can be adjusted by means of a larger rotating nut, making the prophylaxis more flexible and accurate.

Scaler is available with standard 4-hole connection or rapid connection (Multiflex®-compatible).

Multiflex® is a registered trademark of Kaltenbach & Voigt GmbH, Germany.



The rapid connection, together with the GYROFLEX® rapid coupling, allows the instrument to turn freely and smoothly throughout 360 degrees.



Supplied inserts are: Universal (#1), Extra-fine (#2) and Spatula (#4).



## TECHNICAL DATA

Product:	TITANUS® E	self-TITANUS®
Input voltage:	24 Vac ± 10% (TN250)	230 Vac, 50/60 Hz
Maximum consumption:	850 mA	21 VA
Operating frequency:	28 ÷ 31 KHz	28 ÷ 31 KHz
Output power:	0.5 ÷ 8 W	0.5 ÷ 8 W
Sterilization:	up to 135°/2 bar	up to 135°/2 bar
Weight:	45 g	45 g (handpiece)
Standard conformity:	ISO 22374, CEI EN 60601-1	ISO 22374, CEI EN 60601-1, CEI EN 60601-1-2
Guarantee:	2 years	1 year

Product:	AIRSON®
Operating frequency:	6 ÷ 7 KHz
Drive air pressure:	2.3 ÷ 3.0 bar
Maximum air consumption:	22 NI/min
Sterilization:	up to 135°/2 bar
Weight:	65/99 g
Standard conformity:	ISO 15606, ISO 9168
Guarantee:	1 year



0051



UNI EN ISO 13485

# SCALERS



**TITANUS® E**  
**self-TITANUS®**  
**AIRSON®**



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SIMPLIFYING DENTAL MOTION



# TITANUS<sup>®</sup>E

ultrasonic scaler

The improved scaler now features higher reliability and greater power efficiency, allowing a powerful cavitation effect at the tip of the inserts.

Due to the piezo-electric technology and to the perfectly aligned titanium transducer, generated mechanical vibrations are absolutely linear and longitudinal to the handpiece axis.

The scaler is available in two different versions: with thread for use with the original EMS<sup>®</sup> inserts or with thread for use with the SATELEC<sup>®</sup> inserts.

*EMS<sup>®</sup> is a registered trademark of Electro Medical Systems SA, Switzerland  
Satelec<sup>®</sup> is a registered trademark of Acteon SA, France.*



*The DYNO dynamometric wrench allows fast locking of the inserts.*



*The DYNO dynamometric wrench allows safe handling and sterilisation of the inserts.*



*A new version, with EMS<sup>®</sup>-compatible thread and connection, is also available.*

# self TITANUS<sup>®</sup> evolution

ultrasonic desktop scaler

self TITANUS<sup>®</sup> is a modern, computer-controlled unit for the removal of bacterial plaque and tartar.

On the front panel, besides the LCD display, there are four push buttons which allow selection of a wide range of power and water nebulization settings. The unit is activated through a pneumatic foot pedal.

Available scaling modes: General, Endodontia, Perio.

Complete with the new piezo-electric TITANUS<sup>®</sup>E scaler.



*The improved TN250 electronic board allows smooth activation of vibrations and stable higher output power.*



**INSERT # AX**  
EMS<sup>®</sup>-compatible  
Use: removal of supragingival tartar deposits on all tooth surfaces.



**INSERT # BX**  
EMS<sup>®</sup>-compatible  
Use: removal of supragingival tartar, coatings and stains on all tooth surfaces.



**INSERT # PX**  
EMS<sup>®</sup>-compatible  
Use: removal of subgingival tartar deposits on all tooth surfaces, including interproximal and sulcus areas.



**INSERT # AX-S**  
Satelec<sup>®</sup> compatible  
Use: removal of supragingival tartar deposits on all tooth surfaces.



**INSERT # CX**  
EMS<sup>®</sup>-compatible  
Use: removal of heavy supragingival deposits of tartar.



**INSERT # PSX**  
EMS<sup>®</sup>-compatible  
Use: removal of subgingival tartar on all root surfaces, supragingival maintenance therapy.



**INSERT # BX-S**  
Satelec<sup>®</sup> compatible  
Use: removal of supragingival tartar, coatings and stains on all tooth surfaces.



**INSERT # DX**  
EMS<sup>®</sup>-compatible  
Use: removal of crowns, bridges and pivots.



**INSERT # EX**  
EMS<sup>®</sup>-compatible  
Special 120° ENDO chuck for use with ultrasonic files with 0.8 mm shank diameter.



**INSERT # PX-S**  
Satelec<sup>®</sup> compatible  
Use: removal of subgingival tartar deposits on all tooth surfaces, including interproximal and sulcus areas.