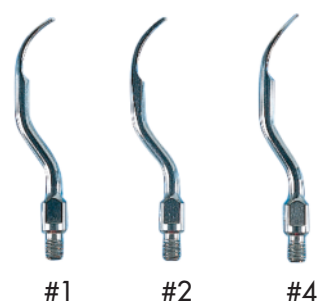


**AIRSON®**

air scaler

Improved air scaler for easy tartar removal. The scaler can be used for all prophylaxis procedures using the supplied TKD's inserts or with the aid of the 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 3-hole or 4-hole connection.



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



### TECHNICAL DATA

	TITANUS®E	TITANUS®S
Operating frequency:	28 ± 31 KHz	28 ± 32 KHz
Sterilization:	up to 134°C/2 bar	up to 134°C/2 bar
Weight:	45 g	45 g
Standard conformity:	ISO 22374, CEI EN 60601-1, European Directives 93/42/CEE and 2007/47/CE	
Guarantee:	2 years	2 year

USC60	
Input voltage:	24 Vac ± 10%
Maximum consumption:	1 A, 24 VA
Operating frequency:	27 ± 32 KHz
Output power:	0.2 ÷ 9 W
Sizes:	60 x 54 x 30 mm
Standard conformity:	CEI EN 60601-1, CEI EN 60601-1-2
Guarantee:	2 years

AIRSON®	
Operating frequency:	6 ÷ 7 KHz
Drive air pressure:	2.8 ÷ 3.3 bar
Maximum air consumption:	22 NI/min
Sterilization:	up to 134°C/2 bar
Weight:	64 g
Standard conformity:	ISO 15606, ISO 9168
Guarantee:	1 year

Piezon® is a registered trademark of Electro Medical Systems SA, Switzerland  
Newtron® is a registered trademark of Acteon SA, France.



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# SCALERS



TITANUS®E  
TITANUS®S  
AIRSON®



Graphic: simone@malucchi.it

SCALERS / Cat.084UK/2015





# TITANUS® 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, which has been optimized for use with EMS®-type inserts, generated mechanical vibrations are absolutely linear and longitudinal to the handpiece axis. The scaler is available in two different versions: with TKD special connection or with Piezon®-compatible connection.

Supplied inserts are made in biocompatible high-quality surgical steel. The surface of the inserts is extremely fine thanks to the special polishing process which guarantees low wear and extended lifetime. Inner thread is extremely precise so as to achieve perfect coupling and safeguard the titanium transducer.



A version, with Piezon®-compatible connection, is also available.



The DYNO dynamometric wrench allows fast and precise locking of the inserts.



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



# TITANUS® S

ultrasonic scaler

This new model has been optimized for use with Satelec®-type inserts. The scaler is available in two different versions: with TKD special connection or with Newtron®-compatible connection.



A new version, with Newtron®-compatible connection, is also available.



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



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



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



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



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



**INSERT # PSX**  
EMS®-compatible  
Use: removal of subgingival tartar on all root surfaces, supragingival interproximal and therapy.



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



**INSERT # PLX1**  
EMS®-compatible  
Use: left-curved insert for periodontal debridement on hard-to-access interproximal surfaces.



**INSERT # PLX2**  
EMS®-compatible  
Use: right-curved insert for periodontal debridement on hard-to-access interproximal surfaces.



**INSERT # PLX3**  
EMS®-compatible  
Use: for cleaning and disinfecting periodontal pockets.



**INSERT # PLX4**  
EMS®-compatible  
Use: left-curved insert with small ball on tip for periodontal debridement on furcations and concavities.



**INSERT # PLX5**  
EMS®-compatible  
Use: right-curved insert with small ball on tip for periodontal debridement on furcations and concavities.



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



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



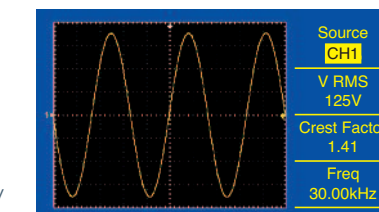
**INSERT # PX-S**  
Satelec®-compatible  
Use: removal of subgingival tartar deposits on all tooth surfaces, including interproximal and sulcus areas.

# USC60

ultrasonic scaler control board

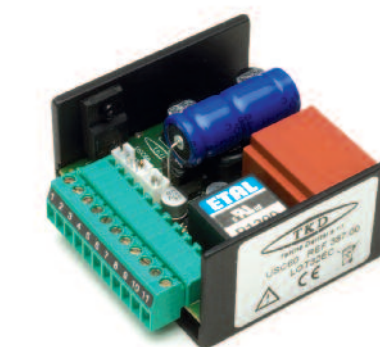
The improved USC60 ultrasounds generator delivers gentle sinusoidal output signal which, combined with the linear oscillating action and uniform surface smoothness of the inserts, allows to achieve high precision and patient comfort.

Latest SMD technology ensures smooth activation and stable output power by automatically adjusting optimum operating frequency according to the load conditions.



The generator allows greater efficiency and optimum power control for all applications: Endodontics, Periodontics, Scaling, Restorative.

There is no need for external switches, a single potentiometer or control voltage enables to cover all the clinical range.



The improved USC60 electronic board delivers stable output power.