

Cavitron®

Product	Codes
Cavitron® JET Plus™ 30K	8170002X
Cavitron® Plus™ 30K	8162002X
Cavitron® Select™ SPS 30K	81307X
Cavitron® BOBCAT™ Pro	81204X
Cavitron® Select™	90112EX
Cavitron® 30K SPS OEM G98A	8129601
Cavitron® 30K SPS OEM G90	81295
Cavitron® Self Install G135 Single	8180004
Cavitron® Self Install G135 Basic Package	8180004B

Product	Codes
Bellissima™ 30K FSI®-SLI®-10R	81512
Bellissima™ 30K FSI®-SLI®-10L	81511
Bellissima™ 30K FSI®-SLI®-10S	81510
Bellissima™ 30K FSI®-SLI®-R/L/S pkt of 3	81513
Bellissima™ 30K FSI®- 3	81500
Bellissima™ 30K FSI®-10	81501
Bellissima™ 30K FSI®-100	81502
Bellissima™ 30K FSI®-1000	81503
FSI®-SLI®-10R 25K	80394
FSI®-SLI®-10R 30K	80397
FSI®-SLI®-10L 25K	80393
FSI®-SLI®-10L 30K	80396
FSI®-SLI®-10S 25K	80392
FSI®-SLI®-10S 30K	80395
Air Polish Insert For use with Cavitron® Jet & Prophy Jet	63740
Air Polisher Nozzle For use with Prophy Jet 30 and earlier models	7760201

Product	Codes
FSI®-10 25K	80293
FSI®-10 30K	80294
FSI®-100 25K	80795
FSI®-100 30K	80798
FSI®-1000 25K	80392
FSI®-1000 30K	80395
SLI®-10R 25K	79291
SLI®-10R 30K	79612
SLI®-10L 25K	79292
SLI®-10L 30K	79613
SLI®-10S 25K	79290
SLI®-10S 30K	79611
TFI®-3 25K	6121702
TFI®-3 30K	6374102
TFI®-10 25K	6121708
TFI®-10 30K	6374106
TFI®-1000 25K	6122001
TFI®-1000 30K	6374110
SoftTip™ 30K	90411

Product	Codes
Water Reservoirs (500ml bottle) & Pump - Cavitron® Select™ & Select™ SPS®	90147
Water Reservoirs (500ml bottle) Cavitron® Select™	90148
Dual Select Dispensing Systems	80528
Cavitron® Steri-Mate™Light pkt 1	8175001
Cavitron® Steri-Mate™Light pkt 3	8175003
Steri-Mate™ pkt 1	78688
Steri-Mate™ pkt 3	78703
Cavitron® Handpiece Grip Blue pkt 3	8169201
Cavitron® Jet-Mate pkt 1	8170201
Cavitron® Jet-Mate pkt 3	8170203
Prophy Jet Powder pkt 6	130002B
Prophy Jet Powder (sodium free) pkt 6	130203



References:

1. Drisko, C. L.: Scaling and root planing without overinstrumentation: hand versus power-driven scalers. *Curr Opin Periodontol.* 1993;78-88. Review.
2. Research Science and Therapy Committee of the American Academy of Periodontology: Position Paper: Sonic and Ultrasonic Scalers in Periodontics. *J Periodontol.* 2000 Nov; 71(11):1792-801
3. Centre for Disease Control and Prevention : Guidelines for Infection Control in Dental Health Care Settings -2003. MMWR.

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DENTSPLY

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Innovative technology: Cavitron® Plus™ and Cavitron® JET Plus™

360° Wireless Foot Control

Never trip over your scaler's cable again. We consulted with clinicians to learn exactly what they needed and wanted to make their work easier. The result is a truly remarkable innovation: a wireless foot control that works from anywhere within three meters of the base.

The ergonomically contoured shape can be activated from any side. Set the system's power at a comfortable level for your patient and boost the power up to 25% as needed with a convenient tap of your foot.

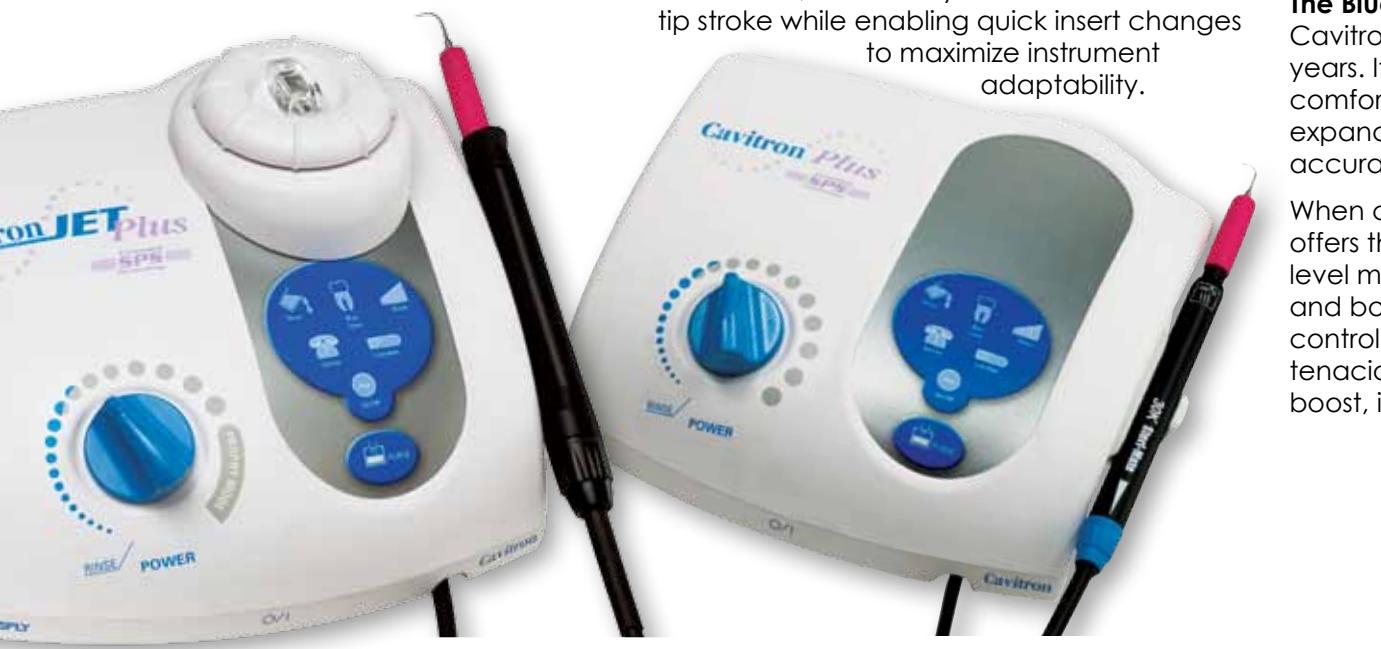


Cavitron Leadership

When you choose Cavitron products, you're investing in clinical efficacy, ergonomics, ease of use, patient comfort, and long-term reliability. It gives you the confidence you're delivering high quality care to your patients.

Superior Technology

Our magnetostrictive technology provides easy adaptation technique and enhanced clinical access. We originally recognized, back in 1987, 30,000 cycles per second (kHz) as an efficient operating frequency for both clinical power and patient comfort. The market has endorsed this over the last twenty three years as 30 kHz units continue to play a dominant role.



The new **Cavitron Plus ultrasonic scaler** and **Cavitron JET Plus combination ultrasonic scaler** are comfortable, responsive and clinically effective.

The dynamic auto-tune technology drives the insert at its natural harmonic frequency - the point of maximum tip stroke. Our exclusive system uses a feedback coil in the Steri-Mate® or JET-Mate™ handpiece to monitor the insert's harmonic frequency, enabling you to easily deliver clinical results. Unlike manually tuned units, Cavitron systems deliver consistent tip stroke while enabling quick insert changes to maximize instrument adaptability.

The patented **Sustained Performance System (SPS™)** technology common to both of these units automatically adjusts system power to maintain tip stroke regardless of clinical load and conditions. It's like "cruise control" with a new expanded range to deliver perfectly tuned performance every time.

Diagnostic Display

The first intelligent ultrasonic scaler that keeps you informed of the system settings and status without slowing you down.

Blue Zone Indicator

We've expanded the blue zone, so you can easily dial-in the power level most comfortable for sub-gingivally scaling your patients.



Rinse Mode

With a turn of the blue power level control, switch off cavitational power to irrigate the pockets and wash away debris.

Boost Mode Indicator

Know when you have activated the boost mode for up to a 25% boost in power.

Service & Low Battery

Indicators let you know of an improper set-up, or when the system diagnostics detects something more serious.

Purge Button

The system automatically flushes for two minutes. Significantly reduces between-patient prep time and provides fresh lavage for each patient.

Cavitron Innovation The first standalone Cavitron ultrasonic scaling system was introduced in 1957 and the first air polishing system in 1980. We've continued to deliver new products, features, and services that advance the art and science of ultrasonic scaling.



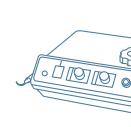
1957 First standalone ultrasonic scaling system



1969 First automatically tuned system



1974 First internal flow insert



1980 First air polishing system



1983 First combination air polishing and scaling system



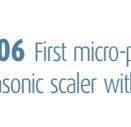
1992 First slim-type ultrasonic insert



1997 First dual loop technology (SPS)



2003 First ultrasonic handpiece with swivel feature



2006 First micro-processor controlled ultrasonic scaler with wireless technology

Convenience for Every Type of Practice: Meet the rest of the Cavitron Family

Why Ultrasonics?

The evidence is clear. Today's clinician knows how ultrasonic scaling advances patient care.

Since the landmark Drisko review article of 1993, non-surgical periodontal therapy has advanced beyond basic calculus removal. Ultrasonic therapy in periodontics now focuses on the etiology of periodontal disease by disruption of bacterial biofilms and stimulation of the host immune response¹.



BOBCAT® Pro

The BOBCAT Pro ultrasonic scaler combines reliability, practicality and robustness. This 25 KHz system delivers effective scaling at an affordable price.



OEM G98 & G90

Cavitron SPS OEM units are the ultimate in practicality. Combining both Blue Zone and SPS technology which provides added performance for patient comfort.

These systems are designed to be integrated into most dental chairs and accept all 30 kHz inserts.

Cavitron Select™

With its integrated reservoir this 25kHz system offers portable scaling in a time tested device that's familiar to hygienists and dentist around the world.



Cavitron® Select™ SPS™ 30K

Only half the size of the Plus models this 30kHz ultrasonic device is available with a self contained reservoir providing SPS performance in a compact ultrasonic scaling device. Combine with Cavi Pump and Reservoir and this unit is ready to go mobile.



Cavitron Self Install G135

The Cavitron Self Install G135, is the only ultrasonic scaler that can be easily installed by the clinician. Utilising the existing G98A platform, the G135 connects directly to the dental control unit making the installation simple and not requiring technical support.

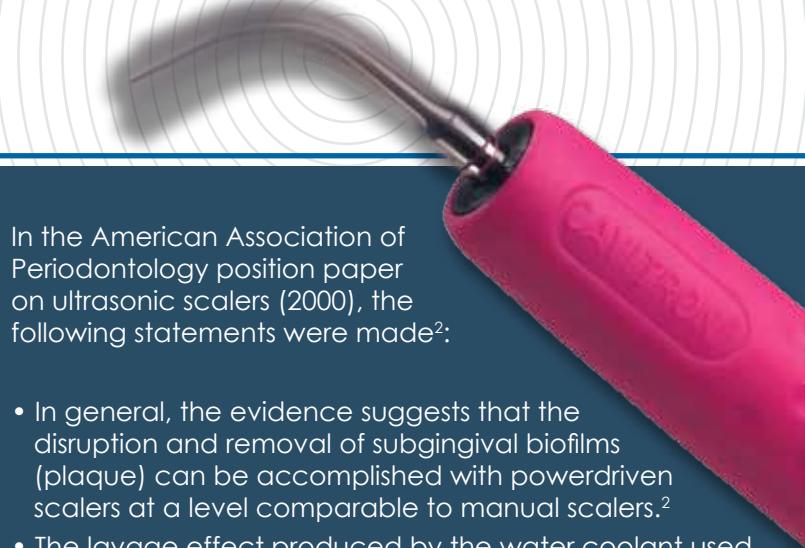
Have the convenience of using G135 by the chair-side whilst freeing up counter space and eliminating the need for a separate foot pedal.

The Self Install G135 still maintains the features of the Cavitron technology, including SPS 30K technology and Blue Zone.

In the American Association of Periodontology position paper on ultrasonic scalers (2000), the following statements were made²:

- In general, the evidence suggests that the disruption and removal of subgingival biofilms (plaque) can be accomplished with powerdriven scalers at a level comparable to manual scalers.²
- The lavage effect produced by the water coolant used with power-driven scalers provides a constant flushing activity during instrumentation that appears to have some therapeutic effects.²
- Ultrasonics are clearly superior in the treatment of Class II and Class III furcations when used by experienced dental professionals. Based on these observations and published studies, sonics and ultrasonics may be the instrument of choice for scaling and root planing furcations.²

The bottom line: an ultrasonic scaler is one of the most important instruments you have for improving the periodontal hygiene and health of your patients³.



Cavitron Scaling Inserts and Accessories

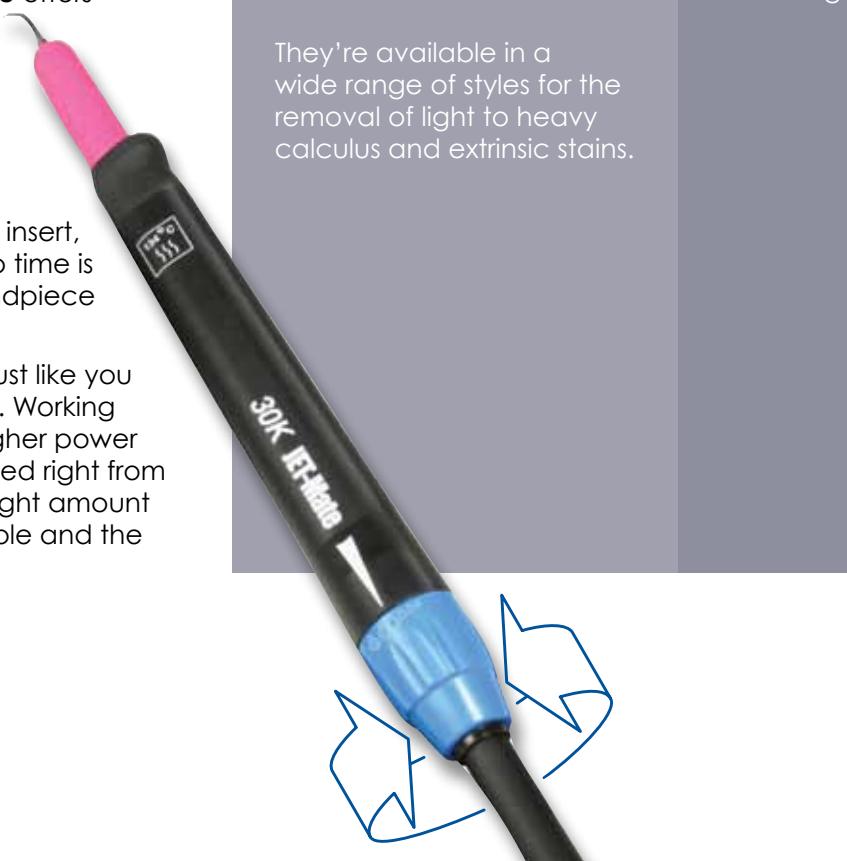
For clinically effective results use Cavitron branded inserts. Our patented internal water delivery system delivers water directly to the tip focusing on where it is needed most. This provides:

- Enhanced view of the work area
- Improved water management
- Great scaling efficiency

The **Steri-Mate and JET-Mate™ handpiece** offers several practical benefits. No other system handpiece provides all these advantages. The **swivel** in the cable attachment allows the handpiece to freely **pivot 330° degrees** alleviating the cable's drag.

Your grip is no longer pinched up on the insert, because the swivel is in the handle. Prep time is hastened thanks to our detachable handpiece design.

Place the handpiece in the autoclave just like you would your inserts and hand instruments. Working subgingivally on the anteriors, or with higher power posteriorally, the lavage can be controlled right from the handpiece to deliver precisely the right amount of water to keep your patient comfortable and the handpiece cool.



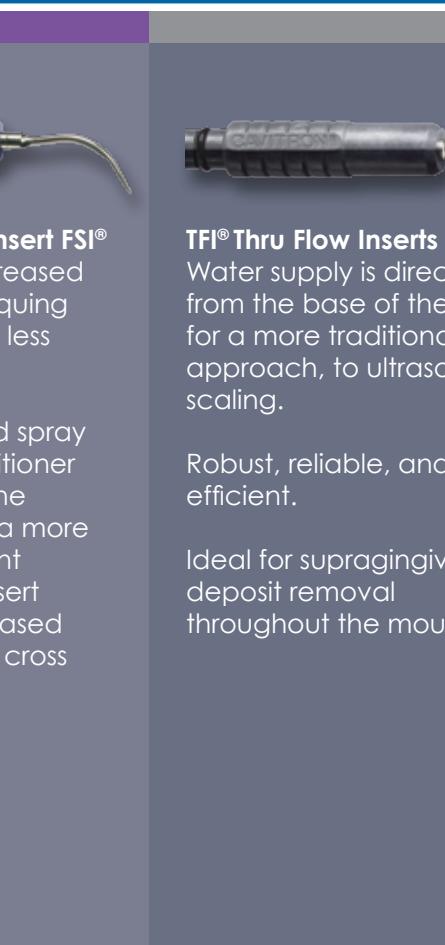
Bellissma™ FSI Inserts
provides an ergonomic soft grip design to significantly improve clinician comfort and control.

They're available in a wide range of styles for the removal of light to heavy calculus and extrinsic stains.



The Focus Spray® Insert FSI® series provides increased scaling and deplaqueing performance, with less water.

The insert's focused spray provides the practitioner a clearer view of the working area and a more comfortable patient experience. The insert also provides increased protection against cross infection.



TFI® Thru Flow Inserts
Water supply is directed from the base of the insert for a more traditional approach, to ultrasonic scaling.

Robust, reliable, and efficient.

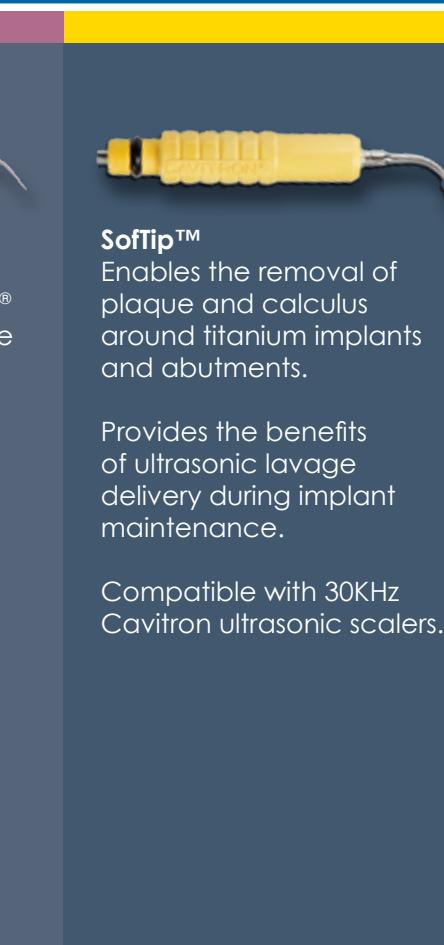
Ideal for supragingival deposit removal throughout the mouth.



THINsert®
Cavitron THINsert is 47% thinner than FSI® Slimeline® and designed to facilitate debridement in areas of limited access such as inter-proximal spaces and areas of tight tissue attachment and tooth misalignment.

Provides the benefits of ultrasonic lavage delivery during implant maintenance.

Compatible with 30KHz Cavitron ultrasonic scalers.



SofTip™
Enables the removal of plaque and calculus around titanium implants and abutments.

Provides the benefits of ultrasonic lavage delivery during implant maintenance.

Compatible with 30KHz Cavitron ultrasonic scalers.



Steri-Mate™ Light
Illuminate the oral cavity to enhance visibility, particularly in posterior regions during scaling.

The soft tapered grip design with variable pinch points, is intended to improve clinician comfort and reduce hand fatigue.

This attachment fits over all existing 30K inserts and is fully autoclavable.

No battery or external power source is required as the Steri-Mate Light is powered by the motion of the hand-piece and operates at all power settings including the low power Cavitron Blue Zone™.

Cavitron offers a full line of inserts for both 30KHz and 25KHz