



Cavitron® Scaling Innovative solutions for improved comfort and efficiency.



Cavitron®
300 Series



Cavitron®
Plus



Cavitron®
Select™ SPS™



Cavitron®
Jet Plus



Cavitron®
Prophy Jet®

Cavitron systems benefit both hygienists and patients.



A legacy of Innovation with Cavitron



1957

First stand-alone 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

Proven benefits of ultrasonic scaling

- Appropriate for **all general supra and subgingival** scaling applications and periodontal debridement¹
- **Quickly and effectively** removes even the most tenacious calculus¹
- Clinical studies and independent research have confirmed the **speed, efficiency, and versatility** of ultrasonic scaling^{1,2}
- Patients and dental professionals experience **less pressure and greater comfort** during ultrasonic scaling procedures compared to hand scaling^{3,4}

Innovations that enhance the scaling experience.

Patient comfort is an essential part of providing the best care. Cavitron units offer features that give your patients the best possible dental care through efficient procedures and innovative technology that enhance the scaling experience.



Digital Technology

- More efficient power control
- Can improve patient comfort by utilizing less heat and water



Lavage control

- Conveniently located on the handpiece
- Allows easy adjustment of lavage at your fingertips
- More precise water control

“Elliptical oscillation [of magnetostrictive scaling] allows the tip to scale to any angle, designed to minimize wrist adjustment when moving from tooth to tooth.⁵”

Lea SC, et al.
J Clin Periodontol.



1997

First dual loop technology (SPS)



2003

First ultrasonic handpiece with swivel cable feature



2006

First microprocessor-control ultrasonic scaler with wireless technology



2011

First foot pedal that doesn't require constant contact



2015

First touch screen magnetostrictive ultrasonic scaler with fully rotating handpiece

The extensive Cavitron family of products has an

Cavitron® 300 Series Ultrasonic Scaling System

The ultimate scaling experience.



Includes all [Plus](#) features plus:

- Exclusive Steri-Mate 360 fully rotating, detachable and autoclavable handpiece
- Touchscreen interface
- Lightweight handpiece cable
- Memory presets
- Water filter indication light
- Most efficient system ever, producing less heat, requiring less water for better patient comfort⁶
- Quieter than other ultrasonic scaling systems for patient comfort⁶



Cavitron® Plus Ultrasonic Scaling System

Improved comfort and efficiency.

Includes all [Select SPS](#) features plus:

- Wireless Tap-On Technology foot pedal
- Single push rinse and purge modes



Cavitron Select® SPS™ Ultrasonic Scaling System

Portable and compact.

- Pivoting handpiece cable
- Water control on handpiece
- Hands free boost mode
- Intelligent feedback control (SPS Technology)
- Steri-Mate detachable, autoclavable handpiece
- Optional reservoir/bottle system

Cavitron® Integrated Ultrasonic Scaling Systems

Integration for the freedom of more space.

- Open office space with the features and benefits of Cavitron ultrasonic scaling systems
- A variety of models to fit office needs
- Streamlined look with fewer cords and less visible equipment



ultrasonic scaling unit to fit any office need.



Cavitron® Jet Plus Ultrasonic Scaling and Air Polishing System

Combines scaling and air polishing for the ultimate in convenience and performance.

- BlueZone™ for patient comfort
- Wireless foot pedal with Tap-On™ Technology
- Prophy mode auto cycles
- Single-push rinse and purge modes
- Precise lavage control



Cavitron® Prophy Jet® Air Polishing System

- Designed for use in general prophylaxis, periodontal treatments, and other areas of operative dentistry
- Detachable and autoclavable Jet-Mate handpiece for reduced cross-contamination
- Single-push purge mode
- Precise lavage control
- Prophy mode auto cycles

Cavitron prophy powders are formulated to complement the performance of each unit.

Cavitron® Prophy-Jet® Prophy Powder

- Sodium bicarbonate powder
- Refreshing mint flavor



Cavitron® Jet-Fresh® Prophy Powder

- Aluminum trihydroxide powder
- Refreshing mint flavor
- Sodium Free



Infection Prevention

Control against cross-contamination and infection prevention are priorities with every procedure, and Cavitron systems keep this top of mind. Specially designed tools incorporated into Cavitron units or available from Dentsply Sirona help keep your system performing at the optimal level and minimize the risk of cross-contamination.



Purevac HVE

Using HVE removes 90% more aerosols generated during ultrasonic scaling compared to a saliva ejector.⁷



Single-push purge*

Enhances efficiency with 2-minute automatic water flush



Autoclavable handpiece

Provides the highest assurance of control against cross-contamination

* Not available on Select SPS model

Hygienist Comfort

Hygienist comfort has long been a focus for the development of Cavitron units. Consistent research allows for innovative solutions to provide maximum comfort during each procedure. Ergonomic features are incorporated into every system, ensuring an intuitive performance and allowing hygienists to focus on patient care.



Wireless foot control

- Wireless 360° foot pedal is ergonomically designed to provide ease of use and mobility
- Can be controlled anywhere within 3 meters of base



Prophy mode auto cycles

- Automatically alternate between air polish and rinse without a need to touch the pedal



Tap-On™ Technology

- Activates scaling with a single tap of the pedal
- Eliminates the need to keep a foot on the pedal during procedures



Steri-Mate 360 Handpiece*

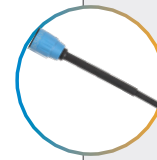
- Fully rotating handpiece allows for free flowing movement of an ultrasonic insert within the oral cavity

* Only available on Cavitron 300 and G139 Built-In models



Boost Mode

- Hands-free boost mode allows you to increase power for quick removal of tenacious calculus



Lightweight Flexible Tubing

- Steri-Mate 360 and the featherweight handpiece cable are lightweight and ergonomic, providing greater tactile sensitivity during the scaling procedure.

* Only available on Cavitron 300 and G139 Built-In models

Cavitron®

Tabletop System Comparison

Scaling

Air Polishing



Cavitron Select® SPS™



Cavitron® Plus



Cavitron® 300 Series



Cavitron® Propphy Jet®



Cavitron® Jet Plus

	Portable & Compact	Improved comfort & efficiency	The ultimate scaling experience ¹	Air Polishing	Combo Scaling & Air Polishing
Scaling and Air Polishing Capabilities					✓
Propphy Mode Auto Cycles				✓	✓
Wireless Tap-On Technology Foot Pedal		✓	✓	✓	✓
Rinse Function		✓	✓	✓	✓
Purge Mode		✓	✓	✓	✓
Boost Mode	✓	✓	✓		✓
Intelligent Feedback Control (SPS Technology)	✓	✓	✓		✓
Steri-Mate 360 Autoclavable Detachable Swivel Handpiece			✓		
Touch Screen Interface			✓		
Memory Presets			✓		
Featherweight Detachable Handpiece Cord			✓		
Water Filter Indication Light			✓		
Optional Reservoir Pump/Bottle System (NOTE: SKU# 90146 is sold separately and is only compatible with Cavitron Select SPS)	SKU # 90146				
Warranty included	✓	✓	✓	✓	✓

DualSelect™ Dispensing System

Medicaments or Closed Water Source

- DualSelect™ Dispensing System offers the choice of scaling and polishing with either water or medicaments.
- Fluid selection is easily made. Choose the dispensing bottle desired by rotating the selector knob to position “A” or “B”; select “H2O” for external dental office water supply. When needed, medicaments can be delivered for site specific work.
- Closed Water Line Option is available by utilizing water from the dispenser bottles instead of external dental office water.
- Infection Control procedures are easily accomplished by flushing the system weekly using the designated disinfectant bottle, and surface disinfecting the system.



References: 1. Data on file, DENTSPLY Professional. 2. Tunkel J, Heinecke A, Flemmig TF. A systematic review of efficacy of machine-driven and manual subgingival debridement in the treatment of chronic periodontitis. J Clin Periodontol. 2002;29(Suppl3):72-81. 3. Croft LK, Nunn ME, Crawford LC, et al. Patient preference for ultrasonic or hand instruments in periodontal maintenance. Int J Periodontics Restorative Dent. 2003;23(6):567-573. 4. Reynolds E. Effectiveness and efficiency in ultrasonic scaling. The Academy of Dental Therapeutics and Stomatology. RDH continuing education course. 2006;1-20. 5. Lea SC, Felver B, Landini G, et al. Three-dimensional analyses of ultrasonic scaler oscillations. J Clin Periodontol. 2009;36(1):44-50. 6. Compared to other Cavitron models. 7. Jacks MJ: A laboratory comparison of evacuation devices on aerosol reduction. J Dent Hig 2002, 76, 202-206.

Ordering Information

Cavitron® 300 Series

- 8161429 Cavitron® 300 Series Ultrasonic Scaling System Package
 (1) Cavitron® 300 Series Ultrasonic Scaling System Unit
 (3) Cavitron® Steri-Mate® 360 Handpieces
 (1) Cavitron® Slimline 10S Fitgrip® 30K Ultrasonic Insert
 (3) Cavitron® Inserts of your choice*
 3 Years of Cavitron Care: Maintenance Plan
 4-Year Warranty
- 8270310 Cavitron® 300 Series Ultrasonic Scaling System Unit
 (1) Cavitron® 300 Series Ultrasonic Scaling System Unit
 (1) Cavitron® Steri-Mate® 360 Handpiece
 3-Year Warranty

Cavitron® Jet Plus Ultrasonic Scaler and Air Polishing System

- 8187501 Cavitron® Jet Plus Ultrasonic Scaler and Air Polishing System
 8161428 Cavitron® Jet® Plus Package

Cavitron® Plus Ultrasonic Scaling System

- 8184001 Cavitron® Plus Ultrasonic Scaling System
 8161425 Cavitron® Plus Package

Cavitron® Prophy-Jet Air Polishing System

- 8195001 Cavitron® Prophy Jet® Air Polishing System
 8161427 Cavitron® Prophy Jet® Package

Cavitron® Select® SPS™ Ultrasonic Scaling System

- 81302 Cavitron® Select® SPS™ Ultrasonic Scaling System
 81308 Cavitron® Select® SPS™ Ultrasonic Scaling System with Reservoir
 8161424 Cavitron® Select® SPS™ Package

Cavitron® Slimline® Ultrasonic Inserts

- 80395 Cavitron® Slimline® 10S 30K Ultrasonic Insert
 82005 Cavitron® Slimline® 10S Fitgrip® 30K Ultrasonic Insert
 80397 Cavitron® Slimline® 10R 30K Ultrasonic Insert
 82007 Cavitron® Slimline® 10R Fitgrip® 30K Ultrasonic Insert
 80396 Cavitron® Slimline® 10L 30K Ultrasonic Insert
 82006 Cavitron® Slimline® 10L Fitgrip® 30K Ultrasonic Insert
 81570 Cavitron® Slimline® 1000 30K Ultrasonic Insert
 82008 Cavitron® Slimline® 1000 Fitgrip® 30K Ultrasonic Insert

Cavitron® Powerline® Ultrasonic Inserts

- 80797 Cavitron® Powerline® 3 30K Ultrasonic Insert
 82001 Cavitron® Powerline® 3 Fitgrip® 30K Ultrasonic Insert
 80294 Cavitron® Powerline® 10 30K Ultrasonic Insert
 82002 Cavitron® Powerline® 10 Fitgrip® 30K Ultrasonic Insert
 80798 Cavitron® Powerline® 100 30K Ultrasonic Insert
 82003 Cavitron® Powerline® 100 Fitgrip® 30K Ultrasonic Insert
 80799 Cavitron® Powerline® 1000 30K Ultrasonic Insert
 82004 Cavitron® Powerline® 1000 Fitgrip® 30K Ultrasonic Insert

Cavitron® Thinsert® Ultrasonic Inserts

- 81551 Cavitron® Thinsert® 30K Ultrasonic Insert
 82009 Cavitron® Thinsert® Fitgrip® 30K Ultrasonic Insert

Cavitron® Steri-Mate® 360 Rotating Handpiece

- 8183201 Cavitron® Steri-Mate® 360 Handpiece - Single Pack
 8183203 Cavitron® Steri-Mate® 360 Handpiece - 3-Pack

For more information or to request a demo, call **1.800.989.8826** or visit dentsplysirona.com/preventive.

Cavitron® Inserts

For hygienists who strive for efficiency, comfort, and performance, the Cavitron® family of inserts work together to deliver the highest standard in ultrasonic scaling.

A comprehensive line of ultrasonic scaling inserts designed to best serve you, your patients, and your practice.



Thinsert®

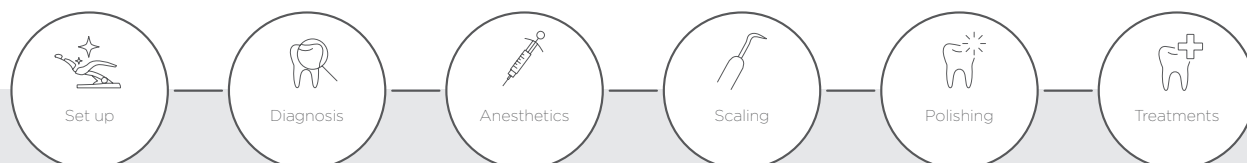
Thinnest tip for maximum access in difficult areas

Slimline®

Slim design for improved subgingival access and accessibility

Powerline®

Standard size for efficient removal of heavier deposits



Dentsply Sirona offers a full range of solutions & support throughout the entire preventive procedure.