



## Cavitron® Scaling

Innovative solutions  
for improved comfort  
and efficiency.



Cavitron Touch®



Cavitron® Plus



Cavitron®  
Select™ SP5™



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 debridement<sup>1</sup>
- Quickly and effectively removes even the most tenacious calculus<sup>1</sup>
- Clinical studies and independent research have confirmed the speed, efficiency, and versatility of ultrasonic scaling<sup>1,2</sup>
- Patients and dental professionals experience less pressure and greater comfort during ultrasonic scaling procedures compared to hand scaling<sup>3,4</sup>

## 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.



### BlueZone™

- Extended power range
- Improves patient comfort during subgingival scaling



### 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.<sup>5</sup>  
 ”

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 Touch® 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 comfort<sup>6</sup>



## 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
- 360 wireless foot pedal with Tap-On™ Technology
- 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 Control

Control against cross-contamination and infection control are priorities with every procedure, and Cavitron systems keep this top of mind. Specially designed tools incorporated into each Cavitron unit help keep your system performing at the optimal level and minimize the risk of cross-contamination.



### Single-push purge\*

Enhances efficiency with 2-minute automatic water flush

\* Not available on Select SPS model



### Autoclavable handpiece

Provides the highest assurance of control against cross-contamination

## 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 Touch and G139 Built-In models








### Boost Mode

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



# Cavitron®

## Tabletop System Comparison

	Scaling			Air Polishing	
					
	Cavitron® Select™ SPS™	Cavitron® Plus	Cavitron Touch®	Cavitron® Prophy Jet®	Cavitron® Jet Plus
	Portable & Compact	Improved comfort & efficiency	The ultimate scaling experience¹	Air Polishing	Combo Scaling & Air Polishing
Scaling and Air Polishing Capabilities	●	●	●	●	✓
Prophy Mode Auto Cycles	●	●	●	✓	✓
Wireless Tap-On Technology Foot Pedal	●	✓	✓	✓	✓
Rinse Function	●	✓	✓	✓	✓
Purge Mode	●	✓	✓	✓	✓
Pivoting Handpiece Cable	✓	✓	✓	✓	✓
Water Control on Handpiece	✓	✓	✓	✓	✓
Boost Mode	✓	✓	✓	●	✓
Intelligent Feedback Control (SPS Technology)	✓	✓	✓	●	✓
Steri-Mate/Jet-Mate Autoclavable Detachable Handpiece	✓	✓	✓	✓	✓
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	2 Years	2 Years	2 Years	2 Years	2 Years

## 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.

# Ordering Information

## Tabletop Scaling Units

	115V US/CANADA	240V UK	220/240V EU	115V EXPORT
Select SPS	81302	81305	81307	81303
Select SPS with Reservoir	81308	81311	81313	81309
Select Package	8161424	●	●	●
Plus	8184001	8184003	8184002	8184004
Plus Package	8161425	●	●	●
Touch	8250001	8250003	8250002	8250004
Touch Package	8161426	●	●	●

## Air Polishing Units

	115V US/CANADA	240V UK	220/240V EU	115V EXPORT
Jet Plus	8187501	8187503	8187502	8187504
Jet Plus Package	8161428	●	●	●
Prophy-Jet	8195001	8195003	8195002	8195004
Prophy-Jet Package	8161427	●	●	●

## Handpieces

	1-Pack	3-Pack
Steri-Mate® Sterilizable Handpiece - Gray	8183001	8183003
Steri-Mate® Sterilizable Handpiece - Black	78688	78703
Steri-Mate® 360 Sterilizable Handpiece - Black**	8183201	8183203
Jet-Mate® Sterilizable Handpiece - Black	8170201	8170203

● Not Available

\*\* NOTE: Steri-Mate 360 is ONLY compatible with Cavitron Model G1000 and G139 Systems.

## 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.



### Powerline®

Standard size for efficient removal of heavier deposits

### Slimline®

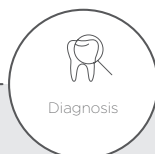
Slim design for improved subgingival access and accessibility

### Thinsert®

Thinnest tip for maximum access in difficult areas



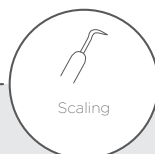
Set up



Diagnosis



Anesthetics



Scaling



Polishing



Treatments

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

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