

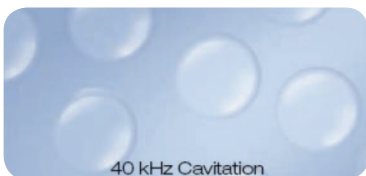
# More Cleaning Power & Protection

Caviwave™ Ultrasonic Cleaning Family

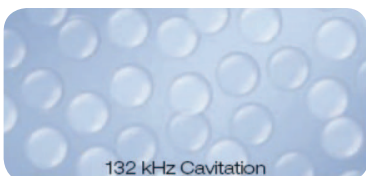
Caviwave  
Cleaning System



NEW!  
Caviwave Pro  
Cleaning System



40 kHz Cavitation



132 kHz Cavitation

Caviwave Ultrasonic Cleaning Systems provide more cleaning power, more protection and more flexibility for your unique instrument processing needs. The Caviwave line offers cleaning options for everything from delicate ophthalmic instruments to heavy orthopedic sets to valuable *da Vinci*® 8mm and 5mm *EndoWrist*® Instruments.

The powerful **132 kHz transducers** deliver three times the frequency of the industry standard 40 kHz transducer. This micromechanical scrubbing action efficiently cleans both hard-to-reach internal passages and heavily soiled external surfaces, providing reassurance that your instruments were thoroughly cleaned and protected.

## Caviwave™ Ultrasonic Cleaning Systems

### Efficient Cleaning

The Caviwave Ultrasonic Cleaner (single bay) and Ultrasonic Console (dual bay) were designed to handle many types of surgical instruments:

- lumened (canulated) instruments
- heat-sensitive instruments
- delicate ophthalmic instruments to heavy orthopedic sets



Automated lift elevator



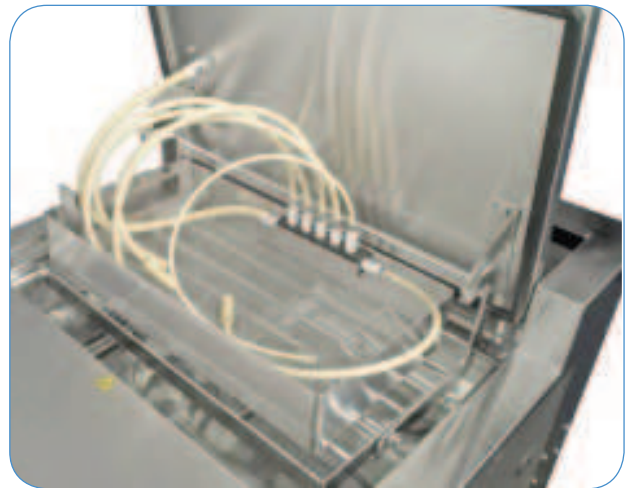
Toe touch cycle start



Lumened device flush



Preprogrammed cycles



### Automated Processing

Preprogrammed cycles are easy to use and provide consistency of cleaning even for the hard to see or hard to reach areas.

- automated load/unload elevator provides ergonomic tray loading
- toe touch control provides hands-free cycle start
- automatic fill maintains water level and quality
- automatic drain helps increase productivity
- lumen flushing is more effective than only manual brushing
  - port flushing: canulated instruments with ports
  - reverse port flushing: instruments without ports



Original Caviwave Cleaner



Original Caviwave Console

NEW!

## Caviwave™ Pro Ultrasonic Cleaning System

With CaviClean technology

### More Peace of Mind

With Caviwave Pro, you get all of the benefits of the original Caviwave model, plus the added capability of cleaning valuable *da Vinci* 8mm and 5mm *EndoWrist* instruments and accessories:

- Caviwave Pro systems include a validated cycle for automated processing of both *da Vinci EndoWrist* Instruments and accessories
- automated cycle provides reliable, repeatable cleaning performance
- minimizes labor-intensive manual cleaning of *da Vinci EndoWrist* Instruments and Accessories
- automatically flushes\*, cleans, lubricates and dries\*\* *da Vinci EndoWrist* Instruments and Accessories

Our process has been independently tested and validated in partnership with Intuitive Surgical to meet the benchmarks established by AAMI TIR 30:2003 and AAMI TIR12:2004.



Easy-to-use control panel



Up to 35 lb. of regular instruments



Lumened instruments



*da Vinci EndoWrist* instruments

### CaviClean Technology

The patented **CaviClean Technology** found in Caviwave Pro Ultrasonic systems, developed after extensive research, is a simultaneous multi-frequency design that creates optimal ultrasonic action and noise reduction.

CaviClean Technology:

- Combines:
  - Large bubbles with soil-removing power
  - Small bubbles with good penetration capability
- Includes automated cycles that wash, rinse, dry and lubricate
- Provides complete coverage of all surfaces (internal and external)
- Removes film and small particles



New Caviwave Pro Cleaner



New Caviwave Pro Console

\*Flushing not required for *EndoWrist* accessories. \*\*Caviwave Pro console only.

## More Cleaning Power

From the powerful 132 kHz transducers in the Caviwave Cleaner and Console to the patented CaviClean Technology of the Caviwave Pro Cleaner and Console, STERIS provides the optimal ultrasonic performance you need.



Caviwave Cleaner



## More Protection

Prolystica cleaning chemistries are formulated to be tough on soil but gentle on instruments. This detergent removes bioburden and protects the passivation layer of your stainless steel instruments.

After the instruments have been cleaned and dried, we go even further by adding lubricant during the rinse phase to help protect your surgical instruments.



Caviwave Console



## More Environmentally Friendly

Each Caviwave Ultrasonic cleaning system uses an efficient water recovery system that allows rinse water to be reused for up to 12 cycles, drastically reducing the amount of water used by the system.

Caviwave systems also use an environmentally friendly chemistry. From the small recyclable packaging to the biodegradable ingredients, Prolystica Enzymatic chemistry is gentle on the environment.



New Caviwave Pro Cleaner

**Visit [www.steris.com](http://www.steris.com) to see a video of the Caviwave Pro Ultrasonic Cleaner in action.**



New Caviwave Pro Console

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