Ultra Clean Systems™

Ultrasonic Cleaner Triton 72

Ultra Clean Systems' Triton 72 is an automatic, double-basin, six-tray floor model ultrasonic cleaning system for cleaning flat surgical instruments, up to 72 lumen instruments, and up to 40 da Vinci® robotic instruments in a detergent solution. This ultrasonic features auto-fill, auto-flush (lumen cycle only), and auto-drain functions.

Application

The Triton 72 ultrasonic cleaning system is designed for the removal of minute biological debris from difficult-to-clean areas of surgical devices, including da Vinci S, Si, Xi, SP, and EndoWrist® robotics.

Use of this product should follow removal of gross debris. Following ultrasonic cleaning, lumen instruments are automatically flushed and air purged (nonlumen instruments are externally rinsed after cycle finishes) before proceeding to the next step in the cleaning process prior to terminal sterilization. IFUs for the use of this device, as well as surgical and laboratory devices, should always be closely followed.

Intended Use

Designed to remove bioburden and fine debris from surgical instruments postsurgery.

Standards and Codes

This ultrasonic cleaning system meets the applicable requirements of the following:

- CSA C22.2 No. 61010-1
- UL 61010-1
- Uniform plumbing code
- OSHA standards for noise emissions
- FCC standards for radiated interference

Key Features

Stainless Steel Construction

Exterior panels are type 304, 14-gauge stainless steel with a #3 polished finish. The sonic cleaning chamber is constructed of type 304 stainless steel polished to a mirror finish.

Titanium Rod Transducers

Our Triton 72 incorporates titanium rod transducers that are integrated into the basins to provide a wide distribution of cavitation energy. This feature reduces wash cycle times in your department and avoids workflow bottlenecks.

Automated Controls

A Program Logic Controller (PLC) controls operation through each cycle's various parameters.

Capacity

The Triton 72 cleans up to 72 lumen intruments or 40 da Vinci robotic instruments, and has an 80-lb (36.3-kg) weight capacity.

Automatic Fill

The basin begins to fill with water automatically.

Fill Monitoring

The basin filling sequence is monitored by an onboard processor. An onscreen alarm will notify operators of any potential problems.

Automatic Detergent Delivery

The wash cycle program automatically injects the recommended amount of enzymatic detergent during the wash cycle (preset at 1 oz per gallon).

Ultraviolet (UV) Light System

The Triton 72 is designed with a specialized UV light system to treat incoming water using ultraviolet irradiation to destroy many types of harmful microbes. This promotes safer cleaning conditions for personnel and improves patient safety.

Automatic Drain

The basin will drain after the completion of each lumen/robotic cycle.

Liquid Level Sensor

A liquid level sensor is provided to ensure proper liquid level depth for ultrasonic cleaning.

Overflow Protection Sensor

Triton 72 features an overflow protection system that stops the cycle when a basin high water level is encountered and will automatically drain water from the basin to a safe level.

Audible Cycle Alert

At the end of the wash cycle, an audible alert will occur. Alert duration can be adjusted.

User-Defined Cycle Timer

Cycle times are adjustable to suit your department's needs; however, da Vinci® instrument wash cycles are 15 minutes and are not adjustable.

Touchscreen Controls

Operators can select the cycle, start a cycle, and monitor progress from the touchscreen display.

Water Temperature Display

The Triton 72 operator screen displays the water temperature.

Water Flush and Air Purge

Flushing and air purging are performed automatically upon completion of a lumen wash cycle. Nonlumen instruments are externally rinsed at the conclusion of the cycle.

Controls

The control panel features the following switches and indicators for the operator:

- On/Off power switch with On indicator light
- LCD touchscreen display
- Ethernet port
- USB port for optional UCS-Verify process verification software

Cycle Overview

1. Ultrasonic cleaning cycle time is fully adjustable in 1-minute increments to suit your department's needs. Robotic instrument wash cycles are 15 minutes and are not adjustable.
2. Basins automatically fill with water. Basins are independently operable.
3. Liquid depth will be monitored throughout to assure proper cleaning coverage of trays.
4. This system is not intended for terminal sterilization.

SAM-02313e

Ultra Clean Systems, Inc. • 110 Douglas Road East • Oldsmar, FL 34677

Info@UltraCleanSystems.com
P: 877-935-6624
F: 813-925-1044

www.UltraCleanSystems.com

Ultra Clean Systems, Inc.®