

Medisafe

Sonic Irrigator DIGITAL

Cannulated Instrument Cleaner

Reliable cannulated instrument cleaning at the touch of a button

- Sonic Irrigation
- Cannulated Pulse Flush System
- prENISO15883/HTM2030 compliant
- E-Zee Load Tray System compatibility
- Process Interlock
- 12 cannulated instrument connections

Compatible with:

- Complex Instruments
- Cannulated/Lumened Instruments
- General Instruments and devices
- Laparoscopic Instruments



How will Sonic Irrigation help me?

“Cleaning” is the removal of all foreign material (e.g., soil, organic material) from objects. It is normally accomplished with water, mechanical action and detergents. **“Cleaning must precede disinfection and sterilisation procedures.”** *APIC journal*

Conventional methods only clean the outside. What about the inside? Take bipolar forceps, thin lumens, laparoscopic instruments, E.N.T., orthopaedic instrumentation etc., all hard to clean instruments!

No other equipment actually ensures that the insides are scrubbed and flushed as well as the outside. By connecting the instrument to the Irrigation Flush port, the sonically charged jet of fluid is directed along the inside of the instrument thus providing an efficient cleaning process.

■ Pulsed jets of fluid (Sonic Irrigation™)

The sonically charged jet of fluid passes from the Sonic Irrigator into the instrument ensuring that both ultrasonic activity and detergent solution are delivered precisely to the blockage or residue, removing debris and flushing clean away.

■ Unequaled performance

The unique synergetic combination of enzymatic cleaning, variable pulse flushing and ultrasonic cleaning action is not found in any other equipment or process.

■ Validated process

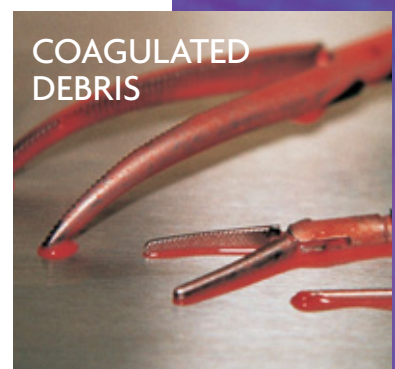
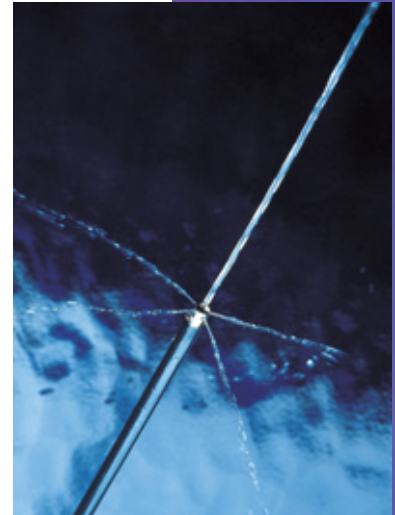
One touch of a button and the Sonic Irrigator is launched into a validated cleaning process, giving faithful reproduction of your known or proven process, time after time, each and every cycle.

■ Less handling of delicate instruments

Minimal handling means less risk of accidental damage to expensive and delicate instruments. The Medisafe Sonic Irrigator even tackles hard dried-on residues and debris, extending instrument life, therefore cutting replacement and repair bills.

■ If it's not clean - it can't be sterilised

Cleaning requires both mechanical action (ultrasonic scrubbing) and dilution (fluid). If fluid is not present at any part of the cycle, cleaning will not be achieved.



COAGULATED
DEBRIS

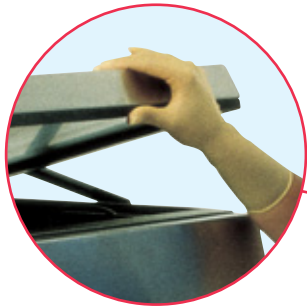
AFTER
CLEANING

Sonic Irrigator DIGITAL

The **Sonic Irrigator DIGITAL** will clean up to twelve cannulated instruments in a **single 8 minute process**.

Interlocking lid prevents mis-use

Medisafe's interlocking lid system interrupts the cleaning process ensuring process continuity protecting both healthcare staff and patients.



Full range of consumables and accessories

Using various Medisafe Sonic Irrigator accessories, even the most delicate and expensive instruments can be cleaned with minimal handling and less risk of accidental damage.



One touch safety and simplicity

With the single touch of a button Sonic Irrigator Digital goes to work, thoroughly cleaning your instruments – **outperforming ALL other cleaning processes inside and out.**



2nd Set Up

Use two **E-Zee load baskets** to improve your instrument processing time and get more from your Sonic Irrigator cannulated instrument cleaner.



It cleans
the inside

If you haven't seen the performance of the **Sonic Irrigator DIGITAL** call us for full information or a demonstration.



WORLD LEADERS IN
INSTRUMENT REPRO

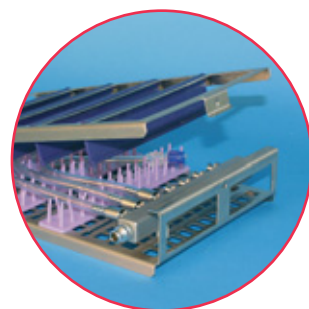
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Compatible with ICTMIMS Instrument Care Systems

The unique ICTMIMS design provides an efficient yet easy to use instrument care/containment system that will allow safe instrument reprocessing and protection for delicate instruments throughout the entire decontamination process, inclusive of washing and cleaning.



The ICTMIMS design also incorporates an innovative flushing accessory that allows plug in connection to narrow lumen devices and Phaco hand pieces alike. Simply place the instruments in the 'multi millipede' system – close the frame and place in the washer...

ADVANCED SURGICAL
ESSING TECHNOLOGY



Take a look inside ...

Andrews-Pynchon Suction Tube
Anthony Suction Tube
Arthrex Suction Grasper
Baron Suction Tubes
Bower Sphenoid and Antrum Cannula
Cannulated Drills
Cannulated Headed Reamer
Cannulated Trapezoidal Tunnel Shaper
Cohen Cannula
Coupland Suction Tube
Coring Reamer
Day Attic Cannula
Duke Trocar
Ear Suction Tubes
Endoscopic Forceps
E.N.T. Instruments
Fine Lumen Instruments
Flexible Inflow Cannula System
Frazier Ferguson Suction Tubes
Guide Hook
Hartman Eustachian Catheters
Hi Flow Irrigation Sheath
House Suction Irrigation Tubes
Injection and Punction Needle
Insufflation Needles
Irrigation/Suction Tube
Jackson Trachea Tube
Krause Nasal Snare
Laparoscopic Forceps
Lefort Catheters
Menghini Biopsy Needles
Miltex-Yankauer Suction Tube
Mixer Irrigating Dilaprobe
Non Sheathed Interference Screws
Novak Endometrial Biopsy Curette
Ochsner Trocars
Parallel Guide Sleeve
Poole Suction Tubes
Pynchon Suction Tube
Reamers (Orthopaedic)
Retractor
Reverdin Needles
Rotating Single/Double Arthroscope
Suckers
Suction Backbiter
Suction Downbiter
Suction and Irrigation Tubes
Suction Punch
Suction Regulator
Tibial Tunnel Cannula
Veress Needles
Valve Sheaths
Van Alyea Antrum Cannula
Van Alyea Frontal Cannula
Yankauer Suction Tube
Y-Stopcock

... to list just a few

How do I use Sonic Irrigation?

Clean up residues and deposits with '3E-Zyme' – Medisafe's **High Performance Triple Enzyme** Cleaning Solution.
Part # MED8035



Use large 'yellow' or 'green' type distal connectors to force clean through large devices such as **orthopaedic reamers and dental hand pieces**.

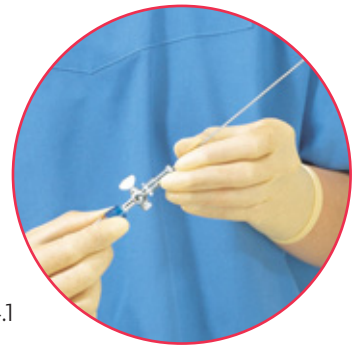


Yellow – Part # MED1226.3
Green – Part # MED1226.5

Use quick-connect 'distal' connectors to **clean inside your non ported instruments** thoroughly. (Sizes 1 thru 18mm) Red, Blue, Yellow and Green.
Assorted Box
Part # MED1226.4



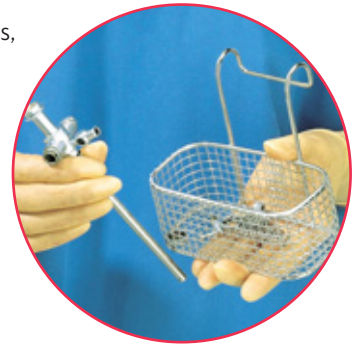
The Sonic Irrigator also uses luer connectors for **cleaning inside ported instruments**.
Part # MED3084.1



Simple push-over fitting makes quick connection to non ported or non luer instruments - Choose 'Blue' for Medium.
Part # MED1226.2



Instrument parts, screws caps springs etc., are all contained safely by using '**Small Accessory Basket**'.
Part # BAS010



Connect fine or delicate 'hard to clean' instruments by using the Small 'Red' distal connector.
Part # MED1226.1



Clean it right, consistently, every time! Let the machine take care of cleaning **ALL your cannulated or lumen instruments**.

Sonic Irrigation

for Complex Instruments ...
for Cannulated Instruments ...
for Lumened Instruments ...
for Ultra Fine Lumened Instruments & Devices ...



World Leaders in Advanced Surgical Instrument Reprocessing Technology

Sonic Irrigator DIGITAL

SI 2000 series 240 VAC, 50Hz – Part # MED1130
 SI 2000 series 110 VAC, 60Hz – Part # MED1130.1
 SI 2000 series 240 VAC, 60Hz – Part # MED1130.2

Specification

Use	For internal and external cleaning of fine surgical instruments and other lumen instruments	
Dimensions		
<i>External</i>	Front to Back:	445mm
	Width:	715mm (+ drain 40mm)
	Height:	345mm
Unit weight	30kg (66lbs) empty	
Capacity	25 litres approx (6.5 US galls approx) 12 cannulated instruments (max) 2 kilos of instruments	
Electrical	110 - 120 VAC, 50-60Hz 220 - 250 VAC, 50-60Hz 5 Watts (standby) 1200 Watts (in use) 1800 Watts (max)	
Supply	Manual supply, not automatic	
Environmental	For indoor use at altitudes up to 2000m. Operating temperature 10°C to 40°C. Humidity –80% RH max for temperatures up to 31°C, decreasing linearly to 50% RH at 40°C. Designed for Pollution Degree 2, ie. not totally sealed.	
Construction		
	Outer Casing:	High grade corrosion resistant stainless steel with brushed finish
	Control fascia:	Wipe clean polycarbonate
	Sound Attenuating Lid:	Stainless steel

Please note:

Sonic Irrigator Digital comes complete with:
 1 off 2.4 metre Cold Water Hose
 1 off 2.4 metre Drain Hose
 1 off 2.0 metre Power Cord (connected)
 User Manual

Validated Performance Guaranteed Products

E-Zee load basket	Part # MED1018
3E-Zyme – 4 litres	Part # MED8035
Distal Quick connect connectors (assorted)	Part # MED1226.4
Ex Large (Green) Distal connector	Part # MED1226.5
Large (Yellow) Distal connector	Part # MED1226.3
Medium (Blue) Distal connector	Part # MED1226.2
Small (Red) Distal connector	Part # MED1226.1
Small Accessory Basket	Part # BAS010

Safety

- Electronic thermostatic protection to prevent over temperature operation
- Thermal switch off to protect heater
- Low fluid level protection to prevent heat burnout and over current
- Ultrasonic overcurrent protection
- Fused L & N
- Fused Ultrasonic Generator

Equipment & Performance

- Compatible with E-Zee Load Basket during Sonic Irrigation
- Medisafe Horn Transducers
- Cannulated Pulse Enhancement
- Variable pulse pressure 1 Bar nominal (2 Bar max)
- Variable pulse flow 0.01 – 1.1 litres per minute
- Cavitation 700 Bar (10,000psi)

Controls & Features

- Target time set 1 – 30 mins
- Target temperature set ambient to 60°C
- Actual/Remaining time set
- Actual/Ambient temp set
- Up and Down increment
- Temperature maintenance on/off
- Standby
- Process start
- Quick Drain System

Quality

- Manufactured in the UK under Medisafe's ISO9001/13485 quality programme

Using Medisafe's consumables and accessories ensures the smooth operation of your Sonic Irrigator.

3E-Zyme digests post procedure residues. Supplied in 4 litre bottles. Part # MED8035

Distal Connectors enable the user to connect a wide range of instrumentation via both luer lock and retro flush functions. Part # MED1226.4

Irrigation Plumbing Kit Allows for the compatibility of a wide range of instruments both pre and post luer lock development. Part # MED1013.3

Enzyme Foam Spray Multi-Enzymatic Foam Spray 'pre-soak' for surgical instruments. Prevents 'post-op' residual soil from building up. Part # MED8050

Test Instruments Tests your machines' lumen cleaning performance. Part # MED1000.3

Small Accessory Basket Instruments parts, screws, caps, springs etc are all contained safely for processing Part # BAS010



Dealer

Medisafe International

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