

**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 instruments, 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

**Validate process**

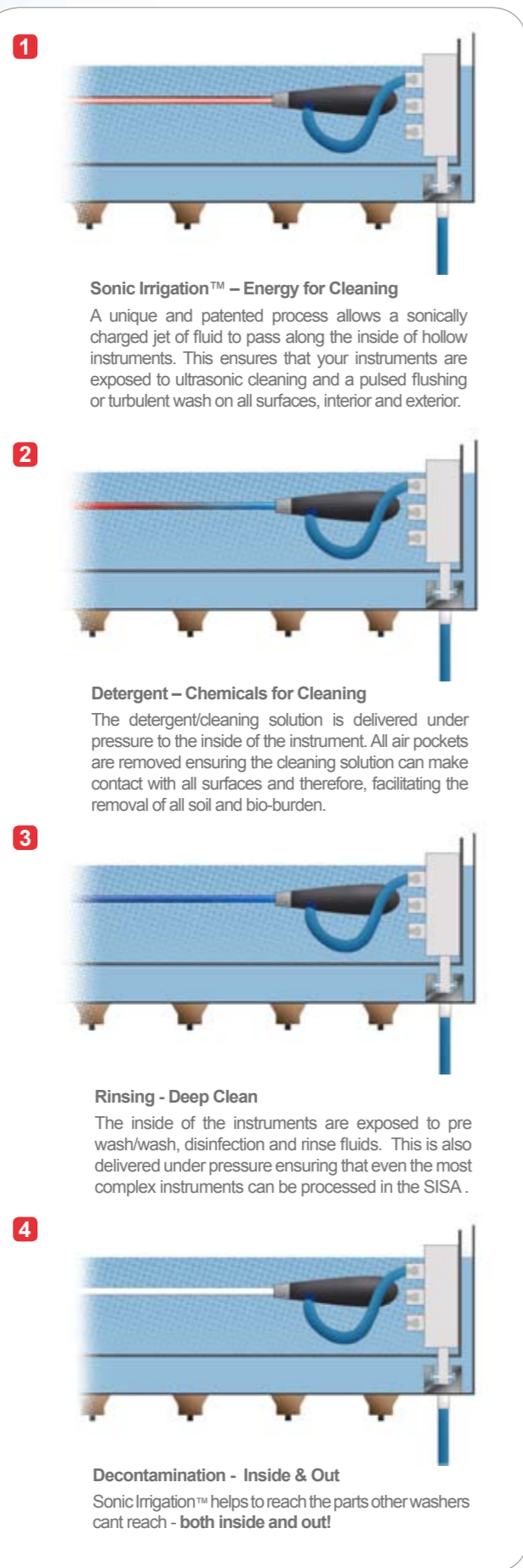
One touch of a button and the Sonic Irrigator is launched into a validated cleaning process, giving faithful reproduction of your known or proven process, time after time, each and every cycle.

**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.



**Specifications**

<b>Use</b>	For internal and external cleaning of fine surgical instruments and other lumen instruments
<b>*Dimensions</b> External	H: 400mm (15.74") W: 720mm (28.34") D: 570mm (22.44")
<b>Weight</b>	38kg with accessories
<b>Capacity</b>	12 MIS Instruments 2kg General Instruments
<b>Electrical Supply</b>	220 - 230 Vac 50Hz or 60Hz 110 - 120 Vac 50Hz or 60Hz
<b>Electrical Power</b>	2KW
<b>Water Supply</b>	Softened cold and hot water
<b>Environmental</b>	For indoor use at altitudes up to 1750m. Operating temperature 10-40 °C. Humidity - 80% for temperature up to 31 °C decreasing to 50% at 40 °C. Designed for pollution degree 2, i.e. not totally sealed.
<b>Construction</b>	High grade corrosion resistant stainless steel with brushed finish

**Please note:**  
**Sonic Irrigator SA** comes complete with:  
1 x 2 metre Hot Water Hose  
1 x 2 metre Cold Water Hose  
1 x 2 metre Drain Hose  
1 X 1 metre Overflow Hose  
Chemical intake tube  
User Manual  
SISA Basket (MED11221)  
Instrument Organiser  
Irrigation Plumbing Kit  
Data Lead

**Additional Accessories available:**

MED8037	3E-Zyme - 4 litres
M20011	Medi-pH-safe - 5 litres
M20070	Medi-Logger
MED 1246.1.2	Red 1mm Seal Distal Connectors
MED 1246.2.2	Yellow 8mm Seal Distal Connectors
MED 1246.3.2	Blue 5mm Seal Distal Connectors
MED 1246.4.2	Green 12mm Seal Distal Connectors
MED 1246.5.2	Assorted Distal Connectors
MED 3084.3	Hose & Luers Assembly with Port Nozzle
BAS 010	Small Accessory basket

\* Please refer to installation requirements for further installation clearance and working conditions.

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**Safety**

- Thermostatic heater protection
- Electronic fluid level control to protect heater and pumps
- Electronic Ultrasonic activity monitoring system
- Fused L & N
- Fused Ultrasonic Generator
- Automatic lid sensor cut-out
- Water backflow protection with AB type air gap

**Equipment & Performance**

- Sonic Irrigator™ Quick Load Slide and Lock compatible
- Medisafe horn transducers
- 2 x Cannulated Pulse Enhancement™ (CPE) units
- Variable pulse pressure 1 Bar nominal (2 Bar max) each
- Cavitation 700 bar (10,000psi)
- Audible alarm
- Key process parameter monitoring

**Controls**

- Fully automatic cycle control
- Optional repeat wash in manual mode
- Automatic water level sensors
- Automatic detergent dosing
- Actual/Wash temperature set
- Friendly user control keypad
- Automatic Quick Drain System
- RS232 output
- Intelligent port/printer port
- Key process parameter monitoring

**Quality**

- Manufactured in the UK under Medisafe's ISO 9001/13485 quality program

**Consumables**

- Use 3E-Zyme to digest post procedure residue. Supplied in 4 litre bottles MED 8035
- Use Medi-pH-Safe for safe alkaline cleaning alternative. Supplied in 5 litre bottles MED 20011

Dealer



Medisafe™ and Medisafe International™ are Trading names of Medisafe UK Limited™  
Registered Office: as above  
Registered in England and Wales no 2533282

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**Sonic Irrigator SA®**

**Automated Cannulated Instrument Reprocessing**

- Sonic Irrigation™
- Twin Cannulated Pulse Flush Systems
- Load performance optimisation
- Independent process monitoring
- EN ISO 15883/HTM 2030 compliant
- High volume throughput
- Water utilisation program
- Process Interlock
- 12 cannulated instruments connections
- WRAS Approved



**WORLD LEADERS IN ADVANCED SURGICAL INSTRUMENT REPROCESSING TECHNOLOGY**

# Sonic Irrigator SA

The Sonic Irrigator SA will clean 12 cannulated instruments in a single 15 minute cycle.

The Sonic Irrigator SA offers both Automatic and Manual cannulated instrument cleaning. In Automatic mode the machine will fill, dose, flush and empty at the touch of a button making this system versatile and easy to use.

In Manual mode, you will fill water manually and machine will run cleaning cycle automatically with auto detergent dosing, flushing and ultrasonics. At the end of cycle water can be drained automatically when acknowledged by user.

The Sonic Irrigator SA has twin CPE systems offering a higher capacity and throughput over the conventional manual Sonic Irrigators.

## Process traceable with printout

In compliance with the requirements outlined in the UK's DOH circular - a small printer may be connected to the machine enabling the critical operation parameters and performance indicators to be permanently documented for record keeping and trace-ability.

As required with the larger hospital equipment Medisafe's Sonic Irrigator SA uses a secondary on board monitoring computer circuit to ensure real-time (actual) critical operation parameters are recorded.

Accurate record keeping will give you long term reassurance that your decontamination protocols are documented and adhered to.

## Interlocking lid prevents mis-use

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

## Slide and Lock Connection

Sliding the tray system gently sideways locks it in place mating it precisely with the "Power Flush" docking ports ensuring a free flow of wash liquid is delivered to the instrument or Lumened device.

## 2nd Set Up

Use two Sonic Irrigator SA baskets to improve your instrument processing time and get more from your Sonic Irrigator cannulated instrument cleaner.

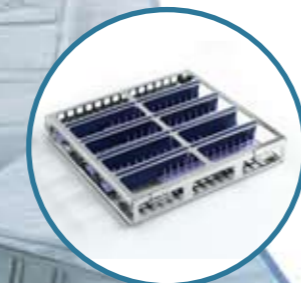
## Non Ported Instruments – a push over!

Instruments from 1mm to 18mm are "quick connected" providing a convenient attachment to lumened instruments with or without flush ports. Simply slide over the distal end of the instrument – connect and push start and your instruments will be cleaned inside and out.

## 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 incorporate 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...



WRAS Approval 0912073

Ref: SISA Brochure 10/10 Rev.E

Our range of accessories and consumables will help ensure the smooth operation of your Medisafe Sonic Irrigator™



### Irrigation Plumbing Kit

Allows for the compatibility of a wide range of instruments both pre and post luer lock development.  
MED1013.9



### Distal Connectors

Distal Connectors are available in four different sizes to accommodate a range of instruments diameters. The use of Distal Connectors is for instruments without a luer lock fitting. Simply slide the instrument into the appropriate Distal Connector and secure in the basket. It's that easy!

MED 1226 – Small barrel range

MED 1246 – Large barrel range



### Hose & Luers

These hose & luer slips allow for smooth, secure connection to the flush port on the instrument housing, ensuring delivery of the cleaning solution to the device lumen.  
M20066 – Pack 10 - Stainless Steel Tip Hose & Luers



### Filters

Your SISA uses very sophisticated pump technology. This pump requires protection from debris such as bone fragments, which in turn prevents costly repairs. These disposable filters collect any large pieces of bio-burden, preventing them from being either recirculated or becoming lodged in the pump.



### Printer & Distal Shelf

Store your printer and spare Distal Connectors in a convenient and easy to use manner. Storage for up to eight Distal's.



### Lumen Check

Providing easy to use routine testing to HTM 2030 & ISO15883. In line lumen check test instrument tests your machines' lumen cleaning performance.  
M20026 – Non luer lock  
M20027 – Luer lock



### Brushes

Medisafe has a range of brushes to suit all manual cleaning applications. Suitable for pre-treatment of your lumen non-lumen device prior to loading into your Sonic Irrigator™.



### Fine Lumen Basket

Designed for holding delicate lumen and non-lumen instruments in place during a Sonic Irrigation™/Ultrasonic cleaning cycle. The special design means that instruments used in ophthalmic, E.N.T and neurology can be safely and successfully reprocessed inside and out without risk of damage.

M11835 – Camer

M11860 – Fine Lumen Insert

## Accessories



### 3E-Zyme

Medisafe's multi Enzyme detergent specifically formulated to use with washer disinfectors and optimised for use with ultrasonic equipment.  
MED 8035



### Medi-pH-Safe

"Medi-pH-Safe" will remove all blood, fat, carbohydrates, starches and protein, while it's discerning alkaline solution eliminates scale and mineral deposits left from hard water.  
M20011



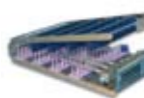
### E-ZEE Lube

Rust inhibitor and lubricant for surgical instruments... E-ZEE Lube maintains lubrication and retains sharpness on all instruments after autoclaving especially those with hinged or moving parts.  
MED 8036 – 4L bottle



### Enzyme Foam Spray

Multi-Enzymatic Foam Spray 'pre-soak' for surgical instruments. Prevents 'post-op' residual soil from building up.  
MED 8060



### ICTMIMS: Optho Standard

With out flushing accessory.  
MED 9000



### Optho

With single flushing accessory.  
MED 9011



### Half Euro Standard

With millipede and pressure ball mouldings.  
MED 9003



### Full Euro Standard

With millipede and pressure ball mouldings.  
MED 9004



### Flushing Accessory

Supplied with silicone supply hose and connection.  
MED 9007



### Standard Phaco Plumbing Kit

MED 9013



### Care Systems Tray System:

#### Half Euro

With millipede mouldings and two instrument security arms.  
MED 9005

#### Full Euro

With millipede mouldings and four instrument security arms.  
MED 9006



### Small Accessory Basket

Instrument parts, screws, caps, springs etc are all contained safely for processing  
BAS010

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