

SafMed

Ultrasonic Cleaner & Sonic Irrigators



SafMed

Your total solutions partner for more than **30 YEARS**

We specialise in providing solutions and products that improve the productivity and effectiveness in the CSSD, Operating Theatre & Endoscopy Unit.

From expert advice on new theatre or CSSD designs to providing the latest digital operating theatre and instrument tracking technology, we have the products and experience to offer meaningful value to our customers.



Process Improvement



Track, Trace & Asset Management



Digital Theatre Systems



CSSD & Operating Theatre Design Advice



Online & Classroom Based Education



CSSD & Operating Theatre Design Advice



Online & Classroom Based Education



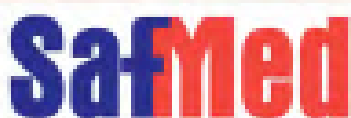
Sterility Assurance



Decontamination



Customized Service Programs



Your total solutions partner for more than 30 YEARS

Johannesburg:
Tel: 011 201 4300
Fax: 011 507 5550

Kwa-Zulu Natal:
Tel: 082 484 3832
Fax: 031 561 5138

Western & Eastern Cape:
Tel: 021 763 3280
Fax: 021 762 2750

Free State:
Tel: 082 688 8075

Why Medisafe?

Medisafe's Sonic Irrigator series reduces the need for manual brushing and flushing of instruments, reducing the risk of cross contamination to the CSSD personnel and increasing patient safety.

Designed and manufactured to meet all national and international decontamination standards, this innovative equipment will help to improve productivity within the CSSD by reducing manual handling of potentially contaminated surgical instruments.

- Pioneered Sonic Irrigation over 30 years ago
- Over 10,000 units installed globally
- Designed and manufactured in the UK
- Ultrasonic washer disinfector for the Endowrist instruments
- Recognised by the world's leading surgical instrument manufacturers such as Intuitive Surgery, Wolf, Storz, Conmed, Stryker and BOSS



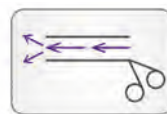
Medisafe Unique Elements



Fast Cycle Time

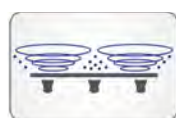
Fast Cycle Time:

All pre-set programmes are validated to ensure the correct amount of process exposure time is adhered to each and every cycle.



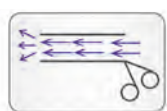
Lumen Flush

Lumen Flush: Controlled irrigation of cleaning solution through the lumen



Ultrasonic

Ultrasonic: Our range of Ultrasonics clean Complex, Laparoscopic, Ophthalmic and Neuro instruments, by using high pressure flushing to clean inside the instruments.



Power Flush

Power Flush: High pressure irrigation to facilitate cleaning through complex lumens.



Sonic Irrigation

Sonic Irrigation:

Combination of controlled irrigation and sonics to facilitate inner lumen cleaning. Providing side sweep technology to ensure 100% coverage of wash chamber and greater cleaning performance.



Deluge Wash

Deluge Wash: Powerful overhead spray of temperature controlled water to aid the removal of blood and other residues from the external surfaces of the instrument.



USB Port Connectivity
(MediCate)

USB Port Connectivity:

Integrated data port for machine cycle traceability, allowing data to be downloaded to a USB stick, also giving the ability to store reprocessing data in real time, whilst on board memory will store previous cycle and parameter details.



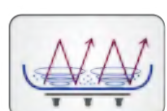
Thermal Disinfection

Thermal Disinfection: Final rinse at elevated temperature to thermally disinfect the surgical instrument.



RS232 Output Data
connection for Printer

RS232: Allows the machine to output its data to a computer or printer.



Reflectasonic
Surface Technology

Reflectasonic:

Wash chamber coating maximising extra-long service life and less absorbent to ultrasonic sound waves causing a 'reflection' thus vastly improving the cleaning activity and reducing the risk of any dead spots.



Touch Screen / Animated
Graphic Interface

Touch Screen / Animated Graphic Interface:

Designed with user friendliness as paramount with an easy to use touch screen interface, animation and colour screen, allowing the user to have greater process visibility within a busy CSSD department.



Digital System
Technology

Digital System Technology:

Digitally sweeps the frequency control for even ultrasonic activity over all transducers. The auto-tune frequency feature searches the ideal frequency to compensate for variations due to instrument load/ weight/ mass.



Automatic Fill: Automatically fills the tank with water and adds the right amount of detergent all from a touch of a button.



Energy-efficient

Energy-Efficient:

The newly developed ultrasonic generator had an improvement that resulted in an electricity energy saving of 36%.

*The Unique Elements are dependent on the model and can be seen on each product page.

Medisafe 'S' 10L & 20L Ultrasonic Cleaners



The Reliance 'S' is an easy-to-use machine that accommodates different loads without a reduction in power or efficiency. The uniquely designed monitoring systems adjust the frequency to maintain the optimum cleaning efficiency for any chosen work load. The Reliance 'S' monitors the critical cleaning process parameters, adjusting where necessary to ensure the 'validated' or 'clinically proven' process is maintained.

Critical process parameters such as time, temperature and ultrasonic power are monitored in accordance with current guidance and international standards. These are permanently recorded and through a discretely placed USB port and can be copied for traceability and legislative use.

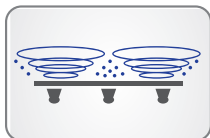
Medisafe 'S' 10L & 20L Ultrasonic Cleaners Specs

- Fast 3 minute cycle time*
- Effective ultrasonic cleaning
- New touch screen & animation technology
- USB port – download wash cycles for traceability
- New magnetic lid with sensor
- Intelligent and flexible system
- Optimum cleaning efficiency
- Reflectasonic tank – extra-long service life
- Available in 2 different litre capacities
- Load performance optimization
- Degas mode
- Temperature regulated mode
- UL & CE compliant

Unique elements



Fast Cycle Time



Ultrasonic



Touch Screen / Animated
Graphic Interface



Reflectasonic Surface
Technology



USB Port Connectivity
(MediCate)

*It may take longer for heavy soiled instruments

Medisafe SISA 'S'



The Medisafe SISA 'S' offers automatic cleaning for up to 12 cannulated instruments, within a 15 minute uninterrupted cycle. The SISA 'S' will fill, dose, flush and empty at the touch of a button, making this system versatile and easy to use.

The versatile SISA 'S' system offers a water utilisation mode where the unit will fill and run the cleaning cycle automatically with auto detergent dosing, irrigation and ultrasonics. At the end of cycle water can be drained automatically when acknowledged by user or reused if required. Auto tunes to get optimum performance by controlling the frequency within the range of 36 to 40KHz.

The SISA 'S' has twin CPE (Cannulated Pulse Enhancement) irrigation systems offering a higher lumen flushing capacity and throughput when compared to other ultrasonic cleaners.

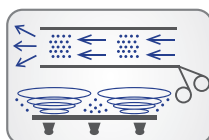
Medisafe SISA 'S' Specifications

- Sonic Irrigation™
- New touch screen & animation technology
- Enhanced sonic generator
- New user friendly control system
- USB port connectivity
- 39L tank total capacity
- Process up to 12 cannulated instruments
- New drop and lock basket docking system
- Process Interlocked lid
- CPE® (Cannulated Pulse Enhancement) to optimally flush lumen instruments
- Load performance optimisation
- Automatic fill & detergent process
- Water re-utilisation program

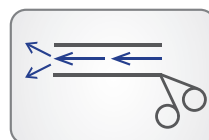
Unique elements



Fast Cycle Time

Touch Screen / Animated
Graphic Interface

Sonic Irrigation

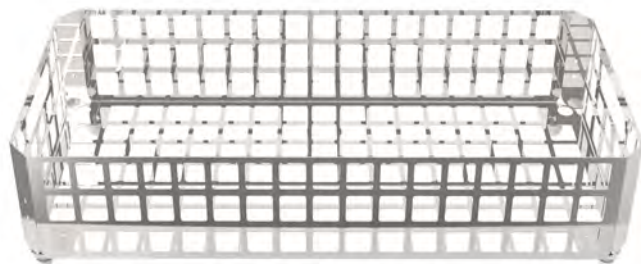


Lumen Flush

Automatic Fill &
detergent processRS232 Output Data
connection for Printer

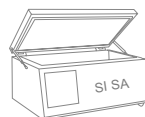
Medisafe SISA 'S' Accessories

Instrument Capacity:
Up to 12 instruments



Standard Basket & Hose Set SI SA

- Specially designed basket for the SI SA only
- Use with general, cannulated & lumen instruments

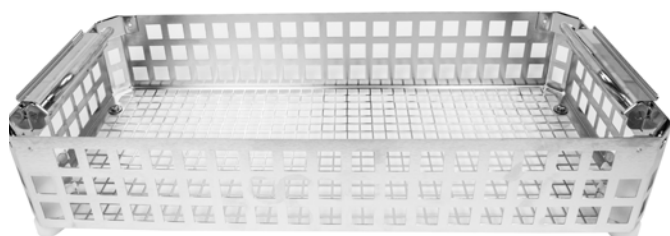


	Height:	Depth:	Width:
External	100mm	244mm	589mm
Internal	99mm	241mm	586mm

Order #

MP21853 - Basket & Hose Set
MP22203 - Complete Standard Hose & Luer Pack of 6 SI SA / SI SA 'S' / SI Digital PC+

Instrument Capacity:
Up to 12 instruments



Standard Basket & Hose Set SI SA 'S'

- Specially designed basket for the SI SA 'S' only
- New basket docking system - 'drop lock' design
- Use with general, cannulated & lumen instruments



	Height:	Depth:	Width:
External	120mm	260mm	615mm
Internal	103mm	257mm	613mm

Order #

MP21854 - Basket & Hose Set
MP22203 - Complete Standard Hose & Luer Pack of 6 SI SA / SI SA 'S'

SI SA / SI SA 'S' Plumbing Kit

- Red Distal Adapter - (1mm) x 2
- Blue Distal Adapter - (5mm) x 3
- Yellow Distal Adapter - (8mm) x 3
- Green Distal Adapter - (12mm) x 2
- Hose & Luer Assembly including nozzle x 12
- Disposable Filters x 24
- Y Connectors x 6

Order #

MED1013.8 - SI SA Plumbing Kit



Medisafe SI Digital PC+ S



The SI digital PC+ S has been designed to thoroughly clean (remove tissue, blood, and other contaminants from) a variety of reusable surgical instruments. This ultrasonic cleaner cleans all types of surgical instruments and is also able to clean both the interior and exterior of lumened instruments, as it offers Sonic Irrigation with CPE® (Cannulated Pulse Enhancement).

The SI Digital PC+ 'S' system monitors the critical cleaning process parameters such as time, temperature and ultrasonic power in accordance with current guidance and international standards. It can be recorded permanently through a discreetly placed 'data-port', which intelligently detects whether you wish to keep the information on a database system, or simply connect a printer for 'hard-copy' print out for 'traceability' and compliance requirements.

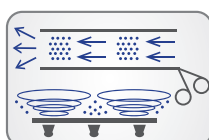
Medisafe SI Digital PC+ S Specifications

- Enhanced sonic generator for Sonic Irrigation
- Reflectasonic chamber – extra-long service life
- Temperature controller with maximum of +60 °C, this controller is adjustable, the unit will operate at an ambient range of (5°C-40°C)
- Electronic timer that is visible on the digital screen, with every stage of the wash cycle - the timer counts down remaining time for the stage
- Output power 320W (40W x8), this is a benefit as the unit uses less power
- New user friendly control system
- USB port connectivity
- 28L tank total capacity (709mm X 458mm X 364) - The unit will be able to accommodate an instrument of 580mm in length
- Process up to 12 cannulated instruments with CPE® (Cannulated Pulse Enhancement)
- Load performance optimisation
- E-Zee load tray system compatibility
- Process Interlock lid

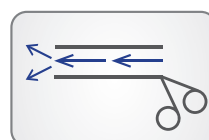
Unique elements



Fast Cycle Time

Touch Screen / Animated
Graphic Interface

Sonic Irrigation



Lumen Flush

RS232 Output Data
connection for Printer

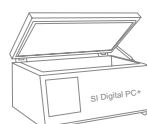
Medisafe SI Digital PC+ S Accessories

Instrument Capacity:
Up to 12 instruments



SI Digital PC+ Basket

- Specially designed basket for the SI Digital PC+
- Use with general, cannulated & lumen instruments



	Height:	Depth:	Width:
External	145mm	340mm	610mm
Internal	142mm	337mm	607mm

Order

MED1018.1 - Basket & Hose Set
MP22203 - Complete Standard Hose and Luer Pack of 6 SI SA / SI SA 'S' / SI Digital PC+

SI Digital Plumbing Kit



- Red Distal Adapter - (1mm) x 2
- Blue Distal Adapter - (5mm) x 3
- Yellow Distal Adapter - (8mm) x 3
- Green Distal Adapter - (12mm) x 2
- Hose & Luer Assembly (24cm) x 12
- Disposable Filters x 24
- Y Connectors x 6
- Small Nozzle x 6

Order

MED1013.3 - SI Digital Plumbing Kit

Medisafe SI PCF 'S' Sonic Irrigator Washer Disinfector



The High Powered SI PCF 'S' will clean and disinfect up to 40 lumen instruments in a single uninterrupted cycle. The New PCF 'S' has a large chamber capacity for maximum instrument throughput, accommodates full DIN tray without instrument decanting and auto tunes to get optimum performance by controlling the frequency within the range of 36 to 40KHz.

With an Intuitive 'drop lock' design, that creates a better carrier/chamber seal increasing lumen flushing pressure. An advanced circuit board that offers 36% improvement on power efficiency compared to historic board. Using the Reflectasonic surface coating significantly improves ultrasonic activity and cleaning performance, allowing more energy to pass through the wall of the ultrasonic surface, resulting in more energy-efficient process.

Unlike conventional washers, the Sonic Irrigator PCF 'S' delivers an exceptionally high pressure of wash fluid to the lumened instrument or device, ensuring the inside of the instrument is as thoroughly cleaned as the outside.

Medisafe SI PCF 'S' Sonic Irrigator Washer Disinfector Specifications

- Thermal disinfection (A₀3000)
- da Vinci family compatible
- Produces less than $5\mu\text{g}$ in a single cycle
- Sonic Irrigation™
- New touch screen & animation technology
- Enhanced sonic generator
- Reflectasonic chamber – extra-long service life
- New user friendly control system
- USB port connectivity
- 72L tank total capacity
- Process up to 40 cannulated instruments
- Security bar with automatic locking lid
- Water re-utilisation program
- Traceability system compatibility
- HTM 01-01 / EN ISO 15883 compliant²
- AAMI TIR 30 & 12 compliant

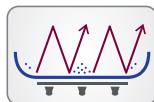
Unique elements



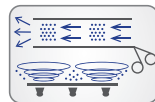
Fast Cycle Time



Touch Screen / Animated Graphic Interface



Reflectasonic Surface Technology



Sonic Irrigation



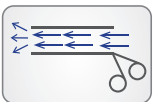
Lumen Flush



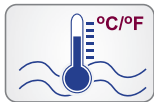
Automatic Fill on detergent process



RS232 Output Data connection for Printer

Power Flush¹

Deluge Wash

Thermal Disinfection¹

¹Not included in the Single Phase

²Applicable/ relevant parts of ISO 15883

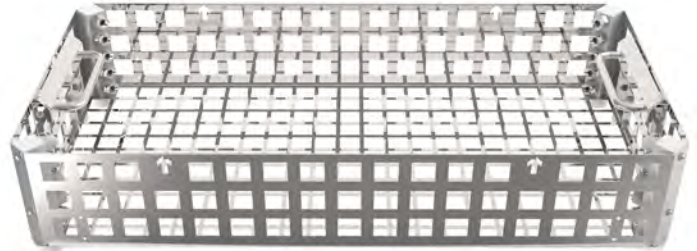
Medisafe SI PCF 'S' Sonic Irrigator Washer Disinfector Accesories

Standard Basket & Hose Set for SI PCF / SI PCF 'S'

Instrument Capacity:
Up to 40 instruments

- Specially designed basket for the SI PCF / SI PCF 'S'
- No loss of pressure - direct connection to flushing system
- Dual instrument flushing with 4 manifolds
- Up to 40 general, cannulated & lumen instruments

	Height:	Depth:	Width:
External	143mm	341mm	701mm
Internal	127mm	338mm	698mm



Order #

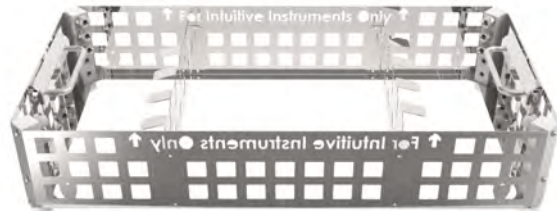
- MP21832 - Basket & Hose Set
- MP22183 - Standard Hose & Luer Pack of 20 SI PCF / SI PCF 'S'

da Vinci Si Basket & Hose set for SI PCF / SI PCF 'S'

Instrument Capacity:
10 x Si EndoWrist instruments

- Specially designed basket for the SI PCF / SI PCF 'S'
- Can accommodate up to 10 Si EndoWrists

	Height:	Depth:	Width:
External	128mm	340mm	700mm
Internal	127mm	339mm	667mm



Order #

- MP22062 - Basket & Hose Set
- M20066 - da Vinci Si Complete Hose and Luer Pack of 10 SI PCF/ SI PCF 'S'

da Vinci Si Multi Basket & Hose set for SI PCF / SI PCF 'S'

Instrument Capacity:
Up to 10 Si instruments

- All in one multi-use basket compatible with Si 8mm, Si Single Site and Si Stapler
- Specially designed basket for the SI PCF / SI PCF 'S'
- Up to 10 ISI instruments

	Height:	Depth:	Width:
External	143mm	341mm	701mm
Internal	127mm	338mm	698mm



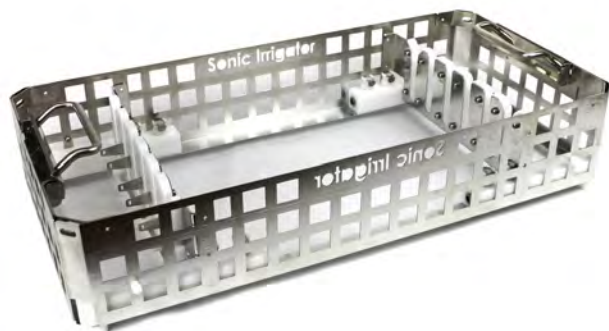
Order #

- MP21833 - Basket & Hose Set
- MP22202 - da Vinci Si Multi Complete Hose & Luer pack of 10 SI PCF / SI PCF 'S'

Medisafe SI PCF 'S' Sonic Irrigator Washer Disinfector Accesories

Instrument Capacity:
6 x Xi EndoWrists instruments

da Vinci Xi Multi Basket & Hose Set for SI PCF / SI PCF 'S'



- Specially designed basket for the SI PCF / SI PCF 'S'
- Can accommodate 6 Xi EndoWrists or 4 Xi EndoWrists & 2 Xi Staplers



	Height:	Depth:	Width:
External	170mm	341mm	701mm
Internal	127mm	338mm	698mm

Order #

MP21104 - Basket & Hose Set
MP21152 - da Vinci Xi Complete Hose and Luer Pack of 6 SI PCF / SI PCF 'S'

Instrument Capacity:
4kg of instruments

Maxi Rinse Basket for SI PCF / SI PCF 'S'



- Specifically designed for orthopedic and other heavily soiled instruments
- 16 spray nozzles for maximum load penetration
- Combined pressure of 4 bar for efficient soil removal
- 120° wide spray coverage for large loads
- The basket also has the capacity to fit up to 4kg of instruments (loose or in baskets)



	Height:	Depth:	Width:
External	143mm	341mm	701mm
Internal	127mm	338mm	698mm

Order #

MED8603 - Basket Only

SI PCF / SI PCF 'S' Plumbing Kit



- Red Distal Adapter - (1mm) x 4
- Blue Distal Adapter - (5mm) x 6
- Yellow Distal Adapter - (8mm) x 6
- Green Distal Adapter - (12mm) x 4
- Tubing silicon (4x3mm) x 5
- Luer lock ring x20
- Nozzle x 20
- Male Luer x 20

Order #

MED1013.9 - PCF Plumbing Kit

ABOUT SafMed

- B-BBEE Level 1 Contributor
- ISO 13485:2016 Accredited
- Member of SAMED
- Medical Device Licence Numbers:
 - Cape Town - 00000243MD (Manufacture/Distribute)
 - Johannesburg - 00000227MD (Manufacture/Distribute)
 - Cape Town - 0000680MD (Wholesale)
 - Johannesburg - 00000643MD (Wholesale)



Safmed.SA



SafMed



@SafMedSA



SafMed South Africa



www.safmed.co.za