

# SUPER S.H.O.W.

## SAFETY HOSPITAL WORK

Closed Circuit Aspirator (C.C.A.) for the management of large volumes of Biological liquids

### SAFETY FIRST

with an antimicrobial silver ions film

Operating Theatres • **Urology** - T.U.R.P., T.U.R.V., P.C.N.L.  
for surgeries in • **Orthopedics** - Shoulder, Hip, Knee Arthroscopy  
Wards • **Intensive Care Units** - C.V.V.H. for emptying bags



CROSS-CONTAMINATION REDUCTION

GREATER SAFETY

COST REDUCTIONS

REDUCED WORKLOAD

OPTIMISED MANAGEMENT OF STAFF



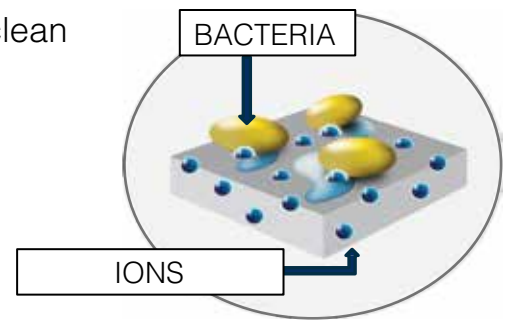
CERTIFIED COMPANY UNI EN ISO 13485:2016



# SUPER S.HO.W. - CROSS-CONTAMINATION REDUCTION

## THE ANTI-MICROBIAL EFFICIENCY OF SILVER IONS

- Protects 24h a day, 7 days a week, and thus between 2 clean
- 7 days a week, and then between 2 cleaning operations
- Protects inaccessible areas
- Inhibits the development of 99.99% of the germs tested (tests in conformity with the ISO 22196 standard)
- **Intertek certificate no. CHL-R14-0815**
- Reduces a bacterial population by 4.5 log
- Prevents the formation of biofilm
- Active for 5 years



## SUPER S.HO.W. - DISINFECTION AND SAFETY

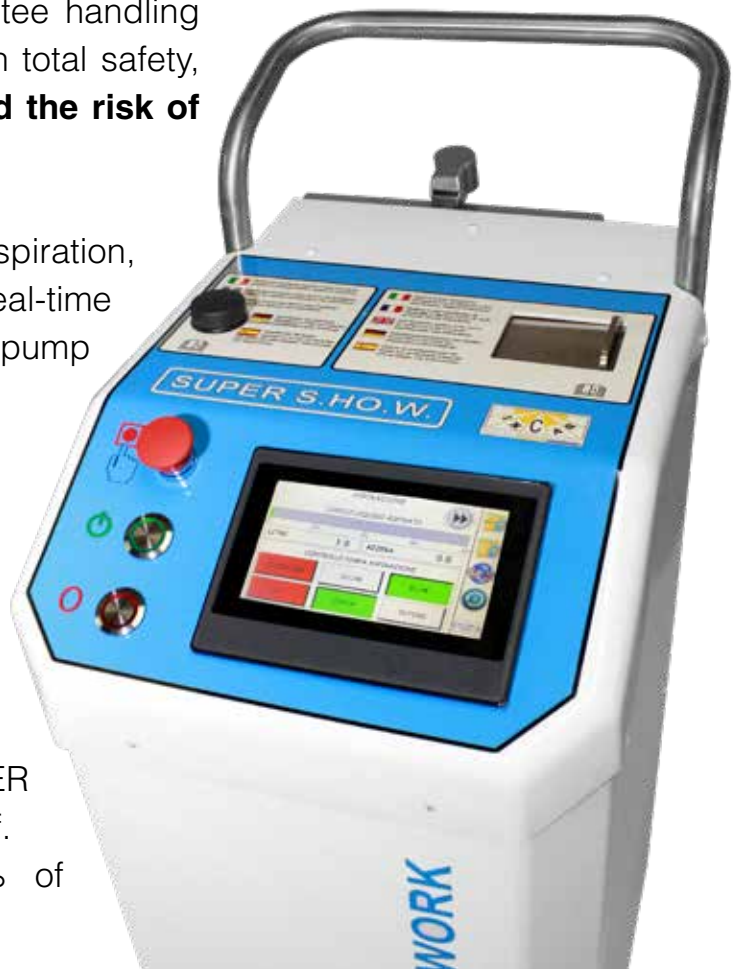
**SUPER S.HO.W.** - was designed to guarantee handling large volumes of body fluids for operators, in total safety, in compliance with the law **in order to avoid the risk of bacterial contamination.**

**SUPER S.HO.W.** - is equipped, during the aspiration, in case of **infected biological fluids**, of a real-time disinfection system with precision peristaltic pump for correct dosage of disinfectant.

**International patent no. 12745521.0-1356.**

**SUPER S.HO.W.** - avoid the continuous lifting of loads by operators (the liquid collection bags), **eliminating the risk of fluid losses due to accidental breakage during handling.**

With its high level of auto-disinfection SUPER S.HO.W. ensures the safety of healthcare staff. Disinfection is automatic and kills 99,6% of bacteria. **Bioburden Certificate n° 97/2011.**



## SUPER S.HO.W. - WORKFLOW OPTIMISATION

**SUPER S.HO.W.** - is with the tank of 60 litres, in the operating room, healthcare staff is not required to substitute or to empty of containers used for collecting fluids during surgery, hence, there is an important reduced workload, with an improved operational safety.

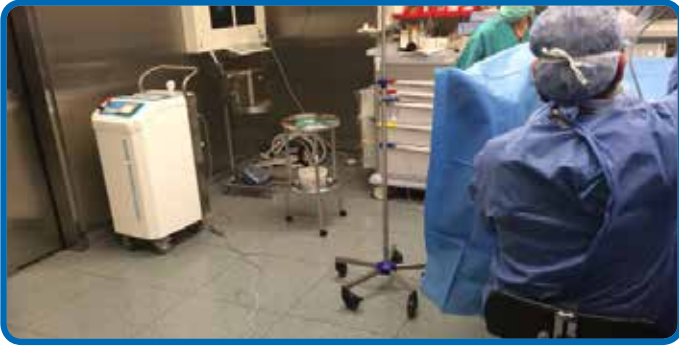
**SUPER S.HO.W.** - in the wards, allows fast emptying of collection bags of biological fluids, with any contact with the staff, (preventing potential contamination).

# SUPER S.HO.W. - PRATICAL APPLICATIONS

## ADVANTAGES FOR OPERATING THEATRES

- **Closed-LOOP automatic aspiration** of biological liquids without any contact by operators with aspirated fluids, **which may be contaminated** • **Eliminating** the use of disposable containers
- **Zero risks** due to the lifting and/or handling of heavy weights • **Optimising** the deployment of staff

### UROLOGY



In endoscopic procedures (**T.U.R.P.**, **T.U.R.B.**, **P.C.N.L.**) where large quantities of biological liquids are used and collected (e.g. 20-30 litres per operation).

### ORTHOPEDICS



Recommended for **Arthroscopy procedures (shoulders, hip, knee)** where large volumes of liquids ad hoc, are used during the surgery.

## INTENSIVE CARE UNITS



In performing **C.V.V.H. (Continuous Veno-Venous Haemofiltration)** large volumes of fluids are collected (e.g. 40 l/24h).

### ADVANTAGES

- The emptying of the bag of 9/10 liters bag attached to the units, takes places without its removal, avoiding the lift and shift of the heavy load; allowing the reuse of the emptied bag.

## CONSUMABLE PRODUCTS

Dedicated kits, produced in clean room differently assembled for daily use are available. And other disposable single items, to offer a choice to customer needs.

**KCM-SHOW01-S.O.** for operating room urology, I.C.U. and the wards

**KCM-SHOW03-ORT** for operating room orthopedics

**KCM-SHOW05-DIAL** for dialysis



**KCM-SHOW01-S.O.**

## SUPER S.HO.W. - COST AND ENVIRONMENTAL IMPACT

It significantly reduces the use of disposable containers, with reduced operating costs.

It reduces the cost of disposal of special waste.

Less plastic, Less pollution, Greater respect for the environment.

SUPER S.HO.W. - is a **“green”** equipment.



# SUPER S.HO.W. - FEATURES AND PRODUCT SPECIFICATION

## Product Description

- **Closed Circuit Aspiration (CCA)** suitable for the management of large volumes of biological liquids. Intended use for: O.R. Urology, O.R. Orthopedics and Intensive Care Units

## Operational modes

- **Battery-powered:** Aspiration, Mode: continuous or intermittent
- **Suction with neutralization real-time** of the contaminated liquid from infected patients (international Patent no. 12745521.0-1356)
- **Automatic drain** of aspirated fluid (drain flow 20 l/min.)
- **Auto-disinfection** of tank and internal circuits (Certified), duration 25 min.

## Operating specifications

- Aspiration flow: **Continuous** 5 or 10 l/min, **and intermittent** (50/10-40/20-30/30 sec.) ON/OFF
- Graphic and numeric progress indicator of number of litres sucked on display
- Display of the partial/total volume of fluids sucked
- High **closed-circuit** disinfection of tank and internal circuits
- Neutralisation of aspirated infected fluid in real time

## Technical details and features

- Closed-loop body fluid aspirator controlled by PLC for future software updates
- Multilingual interface software (Italian-English-German-French-Spanish)
- Tank moulded from rigid nylon with capacity of 60 litres
- Tank for concentrated disinfectant (capacity of 3,0 litres)
- N. 4 rotating antistatic wheels, 2 with brake
- **Body in shockproof ABS** with antibacterial Hexis film
- Easy access for technical interventions

## Alarms and safety features on display

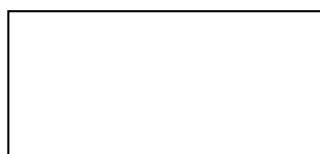
- Flashing alarm for tank nearly full (50 litres)
- Automatic STOP on tank full
- Emergency button for locking the unit
- Operational, alarm and warning messages (e.g. preventive maintenance, last disinfection warning)
- Confirmation of correct insertion of the single dose pod
- Emergency drain function for infected fluid
- Interface messages for operators
- Ended disinfection cycle - Confirmation message

## Standards and technical specifications

- Medical device, according to European Directive 2007/47/EC
- Complies with European Directive EN 60601-1-2:2014 electromagnetic compatibility
- 8 hours battery life with lead batteries 12V/18Ah
- Automatic battery recharging from mains power in maximum of 8 hours
- Power supply 220-230V-50/60Hz – request for drain and self-disinfection functions
- Consumption 50W
- Weight kg. 63
- External dimensions: (LxWxH) 410x567x833x (mm) height with handle 1113mm



Local dealer



**IN.CAS. S.r.l. - INNOVAZIONI CASAMICHELE**

Via Staffali, 40/A - 37062 Dossobuono (VR) - Italy  
Tel. +39 045.8601267 - Fax +39 045.8601090

info@incas-srl.com - www.incas-show.com