

Safe & Affordable Healthcare for All



CBRS

Catheter Balloon Reprocessing System

CBRS: Ensuring Patient & Staff Safety

A patented fully automatic, computer guided Catheter and Balloon Reprocessing System with inbuilt self-test and feedback sensors that ensures safe, standardized, precise reprocessing of catheters and balloons, eliminating human errors and sterilization breaches which may lead to Infective Endocarditis, MDR/AMR and other Hospital Acquired Infections. CBRS helps prevent EtO Toxicity, AMR / MDR and HAI etc. while reducing operating cost and ensuring staff patient safety.

CBRS can reprocess upto 12 Catheters & 8 Balloons in 18 minutes (under standard conditions).



Computer Guided | No Human Error

With a progressive computing system, CBRS supercedes the manual cleaning process thus ensuring patient safety by eliminating human error. CBRS uses a clinically tested & standardised process.



Dynamic Fluid Cleaning | Patented

Automatically generates a combination of Turbulent, Laminar & Peristaltic flows. Turbulent flow breaks bio films, laminar flow eases binding of Multi-enzymes to fasten bio-degradation and peristaltic flow generates bolus cleaning pulse.



Fibrin removal is the most challenging phase. CBRS intelligently uses a combination of elevated solution temperature and diffusional vibrations to break surface adhesion of fibrin.





Hybrid Pulse Cleaning

System generates 74 times higher pressure than manual flushing. CBRS smartly mixes water & air to generate Hybrid Pulse Cleaning, where pressure burst pulses are introduced during water flow. This generates a strong front wave that increases higher flow rates along lumen walls and improves mechanical cleaning action.



LDT: Lumen Drying Technology

An integrated balloon dryer system dries the lumen of Catheters & Balloons which reduces manual drying time by 90%.



Smart Integrity Testing

CBRS uses a combination of positive and negative pressure method to detect minute leakages in balloon.



Prevents EtO Toxicity

The patented cleaning process ensures removal of bio burden, protein & any other debris, thereby ensuring patient safety from lethal EtO toxicity.





Maximizing life and safety

The computer controlled process maximizes the life of the articles. It reduces staff exposure to harmful carcinogenic chemicals which may cause respiratory and other diseases.

ETS: Emptying Total System

CBRS automatically empties the water present in the system to ensure freedom from microbial contamination as per standard EN ISO 15883-1





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18+

States

Lakh Catheters Reprocessed

Our Customers:



























& many more....

Our Product Range:



Catheter Reprocessing System



ARS: A mini Instrument Washer



Angio Balloon Dryer

Accreditations



Patent Certificate



QCI (NABH) Platinum Award



Govt COVID 19 Products



CDSCO Registrated



NOIDA | Chandigarh | Faridabad www.incredibledevices.in contactus@incredibledevices.in

Incredible Devices Pvt Ltd

contactus@incredibledevices.in Ph: 8699011990, 9915308595