

BIOLOGICAL LIQUID WASTE ASPIRATOR

Biological Liquid waste Aspirator helps you in meeting the international standards for disposal of biological liquid waste safely and effectively. It not only protects the environment but provides safety to the staff responsible for the collection & disposal of highly infectious waste, who always live in fear of some unexpected accident which could be fatal to their lives. How amazing it is when you protect the society, environment besides them.

A product for the management of collection, Storage, disposal, treatment & discharge of the Biological Liquid Waste.

INCASMEDICAL's touch free system gives peace of mind while handling infectious waste whether in open or in used packs/bottles/cups/canisters or in any other form. The manual handling of infectious waste in any form is completely avoided because of user friendly operation of the system as the direct collection is possible from each and every point of generation of such waste. The entire processing up to the final disposal of waste is completely automatic. Even the cleansing, rinsing, disinfection of internal pipes, tubes and of the tank is automatic and is done without manual intervention of the user. The fumes/vapors are not released during the aspiration/disinfection/discharge because of its closed circuit operation. Even the smoke generated during surgical procedures with ESUs can be handled with **CAS2424**. This portable unit is a wonder machine with 99.99% antibacterial efficient capability. Its operation at less than 58dB with more than 350lt/min air flow rate proves its worth. It is compatible with all available ESU in the market and works on auto and pedal modes.

The system is smartly configured for alarms, malfunctions and error codes concerning every minor aspect of overall functioning like disinfectant's quantity, status of disinfection/auto disinfection of internal pipes, tubes fluid circuits, disinfectant tank/liquid waste tank's capacity with audio & visual indications. The interference among users can be avoided by setting a password. To avoid the mismatch and connection of wrong accessories; the design of all accessories like water inlet tube, aspiration tube, discharge tube, disinfectant bottle/cup is different from each other. Their slots are different with a clear mark on it. To ensure the mixing of appropriate quantity of the disinfectant into the waste for disinfection purpose, the entire process is monitored and controlled by the system automatically. Even the insertion and puncture of disinfectant capsule/cup for auto-disinfection is monitored and controlled by the system automatically.

There is display with capabilities of a microprocessor to check all parameters like battery charging status, volume & capacity of aspiration, tank capacity, presence of disinfectant bottle/cup at appropriate places and discharge in tabular & graphical form.

SAVE ENVIRONMENT FOR BETTER FUTURE FOR NEXT GENERATION WITH INCASMEDICAL

The Biological Liquid Waste Aspirator range consists of the CAS2425, CAS2426 and CAS2427; two free standing units for use in wards and operating theatres and a battery operated unit for portable/emergency use. All the units provide higher flow rates at very high vacuum levels and are specifically designed for evacuating large volume avoiding the risk of spilling during the handling procedures

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DATA SHEET



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The CAS2425/ CAS2426 units can be supplied with either autoclavable jars or with a disposable liner system and can be mounted on castors to give a convenient mobile option. All units incorporate a system for automatic cut-off in the event of an overflow and are fitted with a INCAS bacterial filter or optional hydrophobic filter, providing essential bacterial protection.

The CAS2427 a closed circuit automated biological liquid waste aspirator & disinfectant unit can be run from mains or from internal batteries (30 minutes continuous running) and has proved to be ideal not only for emergency use but also for the transport needing to be moved between hospital locations. The CAS2427 can be supplied complete with required consumables sheet, filters (different types), disinfectant packed in capsule, bottle, cup etc.

CAS2425	CAS2426	CAS2427
<ul style="list-style-type: none"> ▶ Voltage 110v 1~50/60Hz 230v 1~50/60Hz ▶ Vacuum 0 to -7.0 kPa (70cm H₂O) ▶ Flow rate 15 lt/min ▶ Dimensions 65cm x 29cm x 42cm ▶ Weight 10kg ▶ Noise level 65 dB ▶ Dosing of Disinfectant: Auto/Manual ▶ Automatic Disinfection ▶ Automatic Discharge ▶ Emergency Discharge ▶ Tank/Internal Tank 50lt/10lt. ▶ Emergency Stop/Auto Clear of inside fluid ▶ Discharge Flow Rate 25 lt/min (adjustable) in continuous & intermittent mode ▶ Microprocessor to check all parameters being displayed on LCD screen in tabular & graphical form including error codes with audio & visual alarm 	<ul style="list-style-type: none"> ▶ Voltage 110v 1~50/60Hz 230v 1~50/60Hz ▶ Vacuum 0 to -20.0 kPa (200cm H₂O) ▶ Flow rate 25 lt/min ▶ Dimensions 65cm x 29cm x 42cm ▶ Weight 10kg ▶ Noise level 65 dB ▶ Dosing of Disinfectant: Auto/Manual ▶ Automatic Disinfection ▶ Automatic Discharge ▶ Emergency Discharge ▶ Tank/Internal Tank 50lt/10lt. ▶ Emergency Stop/Auto Clear of inside fluid ▶ Discharge Flow Rate 25 lt/min (adjustable) in continuous & intermittent mode ▶ Microprocessor to check all parameters being displayed on LCD screen in tabular & graphical form including error codes with audio & visual alarm 	<ul style="list-style-type: none"> ▶ Voltage: 12V internal battery- rechargeable Input: 12v dc -48 W with 30 min backup on aspiration mode Power Supply Unit: 100V -240 v 1~ 50/60 Hz ▶ Vacuum: 0 to -4.5Kpa (45 cm H₂O) ▶ Discharge Flow rate: up to 20 lt/min ▶ Dimensions: 34cmX33cmX14cm ▶ Weight: 60 Kg ▶ Noise level: 65 Db ▶ Dosing of certified disinfectant: Auto/Manual (100% safe to user with ease) ▶ Automatic Disinfection ▶ Automatic Aspiration with real time Disinfection ▶ Automatic Discharge without Disinfection ▶ Automatic Discharge with Disinfection ▶ Emergency Discharge ▶ Emergency Stop ▶ Auto disinfection of inside fluid circuitry/tank ▶ Aspiration Rate 2.5 lt/min to 10 lt/min (adjustable) in continuous & intermittent mode ▶ Tank/Internal Tank : 55 lt./1.0 lt. ▶ Microprocessor to check all parameters being displayed on LCD screen in tabular & graphical form including alarms and error codes concerning every minor aspect of overall functioning with audio & visual indications

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We request our channel partners and customers to get in touch with us by email only.



Certification & Inspection
ISO 9001:2015 Cert. No. UQ - 2024030134
ISO 13485:2016 Cert. No. UQ - 2024030135