SMOKE EVACUATOR

Dual Safety

UNPRECEDENTED SAFETY & RELIABITY
SUPERIOR PERFORMANCE
SMOKE EVACUATOR - UL-SE16

UnivLabs
Care for all

Smoke Evacuator UL-SE16

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UL-SE16 Smoke Evacuation system provides ideal smoke management for operating rooms, physicians' offices, and outpatient surgery centers. It minimizes exposure to these toxic smoke biohazards during electrosurgery, procedures with lasers, and ultrasound tissue dissections.

It is simple to use, provides flexible options for tubing and accessories, and sets a new precedent for the quiet operation of surgical smoke evacuation. Encompassing 4 layers of filtration and up to 35 hours of filter life, the UL-SE16 Smoke Evacuation system will deliver the performance necessary to effectively manage surgical smoke plume with unsurpassed value.

3.2" touch screen. The smooth user interface is ideal for wipe-down disinfection to meet the highest hygiene standards.

TECHNICAL SPECIFICATION

	UL-SE16
FEATURES	UnivLabs UL-DualDome technology with coil-based flow control. Three step temp. control to avoid Hypothermia. Dual Mechanical Safety Valve. High pressure Vent, Safe VENT®. MEMS Based flow sensor for accurate flow reading. Over Pressure protection through UL safe VENT®. MEMS Pressure sensor for stable Pneumoperitoneum. Full functional & operational self-test. Three stage ceramic heating CO_2 temperature control.
PRESSURE SETTINGS	Normal Mode. 1-30 mmHg, Paediatric mode 1-15 mmHg
GAS FLOW RATE	2 to 30 L/min
PRE-SET MODES	(VER) Veress needle mode: Max flow 2 L/min (NOR) Normal Mode: Max flow 30 L/min (PED) Paediatric Mode: Max Flow 15 L/min & enhanced algorithm pressure protection. (SCN) Semi continuous Mode: Insufflation along with smoke evacuation
SAFETY	Multistage pressure reducer with precision MEMS flow sensor and MEMS pressure sensors.
CONNECTION OPTIONS	Dual Central gas supply/cylinder. Electronically controlled switching.
DISPLAY	3.2" touch screen. The smooth user interface is ideal for wipe-down disinfection so that the insufflation meet the highest hygiene standards.
ERROR AND WARNING	Open flow warning || Dangerous Pressure rise warning || Tube occlusion warning || Pressure sensor error warning
DIMENSIONS	350 X 310 X 130 MM
CERTIFICATES	ISO 9001, ISO 13485

OPTIONAL ACCESSORIES

UL-3MSE
Smoke Evacuation Tube

ULPA
Smoke Evacuation Filter

UL-3IVT optial
Disposable Trocar

ULHB-250
Humidifier Bottel

UL-3VN Veress Needle

UL-3IT Trocar

ABOUT :

- UnivLabs Technologies Pvt. Ltd. was founded in 2015 to design world-class affordable products for India & the world and its supported by the Ministry of Science & the Ministry of Electronics. UnivLabs products are **tested and certified as per international standards (ISO 13485)** and developed at 3 R&D Labs located in Gurugram-Haryana, Bangalore-Karnataka, and an upcoming facility in Lille-France. The company is already **present in more than 2000 hospitals in India and abroad.**

- Univlabs believes that cutting-edge, world-class medical devices should be available to all healthcare providers regardless of their clinic size or geographical disadvantage.

- UnivLabs is an innovative company with **11 patents filed & 2 granted** and developing technology related to Endoscope Tower, Surgical Robot, Artificial Intelligence (AI) solution for image-based Digital Pathology, Wearable Insulin Patch Pump, and Implants for post-operative surgical tissue support and care.

- The **Cloud Connected 4K Endoscope tower** is the first of its kind and comes with an innovative service model called **One Button Service Request. OBSR** has reversed the traditional service model, wherein the hospital staff has to just push the OBSR button on the tower and call the service team for any technical help.

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