Email : sales@scilabexport.com
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Product Name :

Suction Pump Foot Operated Single Piston

Product Code :

SLE/RAE/02



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Description :

Suction Pump Foot Operated Single Piston (Product Code: SLE/RAE/02) is a portable, pedal-driven suction pump used for pharyngeal and tracheal aspiration and other minor medical procedures in ambulances, health posts, emergency rooms and anywhere mains power may be unavailable. Each press of the pedal drives a single piston, giving a maximum air flow of 30–40 L/min and a maximum vacuum of -70 kPa. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Operation	Foot pedal, single piston; generates suction every time the pedal is depressed; integrated spring returns the pedal to its ready-to-use position
Piston	With diaphragm valve, sealed with a removable elastic O-ring
Lever	Minimises the pedal force needed to reach maximum flow
Pedal	Supports at least 20 cm of the foot; distal end travels 9–11 cm maximum
Air flow, maximum	30–40 L/min (for example at two pumping strokes per second)
Vacuum, maximum	-70 kPa (approx. -700 mbar)
Manometer	None – basic essential design
Collection container	Transparent, 900–1100 ml; wide top opening for easy, thorough cleaning
Base	Large, stable and entirely fitted with anti-slip material
Operating temperature	-20 °C to +50 °C
Reprocessing	Can be entirely disassembled; all parts autoclavable at 121 °C
Container and tip materials	Container: transparent polycarbonate or equivalent; conical suction tip: acetal or equivalent; aspirating tube: silicone rubber
Pedal and base materials	Pedal: aluminium or equivalent sturdy plastic with embossed anti-slip relief; bottom: rubber or equivalent anti-slip material
Seal materials	Piston O-ring: Teflon (PTFE) or equivalent; gasket, O-rings and valve diaphragm: silicone rubber or equivalent
Durability	High-strength, durable materials; no specific maintenance or storage conditions
Product code	SLE/RAE/02
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Foot Operated Suction Pump Used For?

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