MEDIST

Ordering number: MEVACS M20 – **No:72002.00**
MEVACS M30 – **No:72002.01**
MEVACS M20 Non Stop operation – **No:72002.02**

Medical electric suction unit

MEVACS M20, M30

Small compact suction units MEVACS M20 and MEVACS M30 are used for suction from air passages largely. Simple operation, high reliability and easy clearing predestinate them for using in hospitals, policlinics and for home-use.

Main advantages of the suction unit are the following:

1. Oil-free vacuum pump, maintenance-free.
2. High level of under pressure - 82 kPa (82 % vacuum).
3. High suction output vacuum pump- MEVACS M20 - 28 l/min., (MEVACS M30 - 32 l/min.)
4. Simple operation of under pressure level by regulator valve
5. Low noise level.
6. Reliable protection system against reservoirs overfilling:
   - ♦ hydrophobic bacteriologic filter (prevention of fluid penetration to vacuum pump)
   - ♦ safety valve against over suction in the cover of secretion vessel
7. Protection of the unit, personnel and patient against infection by means of fitted bacteriologic filter.
8. The possibility of all functions operation by means of foot control.

Technical Specifications

Typology (MDD 93/43/EEC)		Medical Device CLASS IIa	
Model		**MEVACS M20**	**MEVACS M30**
Specification by EN ISO 10079-1		High Vacuum - High Flow	
Electrical safety		**Class I**	
Direct/indirect contact safety		Type B	
Substances penetration protection		IP 20	
Power consumption		220-240V ± 10% / 50-60 Hz	
Imput power		156 VA + 15%	90 VA + 25%
Electric protection		2 fuses Ø 5 x 20 T - 0,63A	
Vacuum pump		Maintenance-free WOB-L piston (Reciprocating)	
Suction	**Air flow rate of pump**	28 L / min	32 L / min
	Maximum vacuum	82 kPa	
	Suction tube	Silicone - Ø 6 x 3 mm - 1,5 m	
Operation	**Standard version**	Non Stop operation	Non Stop operation
Vacuum control valve			
Control vacuum gauge (precision ± 2.5%)			
Polycarbonate jar / Polysulfone jar ml. graduated - autoclavable			
International standards: MDD 93/42/EEC; EN 60601-1; EN 60061-1-2; EN ISO 10079-1; EN ISO 14971			
Technical life:		10 years	

Use only microbiological filters supplied by manufacturer, because these filters are hydrophobic (prevent penetration of fluid into vacuum pump and protected it from damage) with very high bacterial efficiencies up to 99,99999% particles bigger than 0,027 micron (which is smaller than Hepatitis A, B and C).

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