

Media Degasser

21 litre Mobile Dissolution Media Degasser with embedded printer



EMD-21P

Features:

- Enables filtration, pre-heating, deaeration, and precise dosing of media in the vessel within the dissolution bath
- 21 ltr media tank capacity allows filling of dissolution vessels for up to 3 dissolution tests (n = 6)
- Entire dissolution batch degassing ensures inter-vessel degassing consistency
- Volumetric dispensing with an accuracy better than $\pm 1\%$ as per USP, FDA and Ph. Eur. Requirements
- Special internal nozzle design allows the degassing of surfactant and frothing media like Sodium Lauryl Sulphate (SLS) and avoid frothing Tween
- Programmable deaeration time, temperature and vacuum for effective deaeration of different media
- Maintains media under vacuum at desired temperature while in idle condition
- Fast aspiration, heating and degassing allows 8 litres of media to be dispensed in less than 15 mins
- Fast filling of dissolution vessels at a dispensing rate of 900 ml/min
- Programmable rinse and cleaning cycle allows the instrument to run through a prevalidated self cleaning procedure
- On-board memory stores 10 batch information of degassed media

- 360 turning radius allows it to be maneuvered in tight places
- Multifunction single hose for dispensing, aspirating, cleaning, rinsing, and draining ensures no lifting of heavy media tanks
- Embedded printer for printing reports

Specifications:

Model	EMD-21P
Flow rate	900 ml/min. (During run cycle)
Dispense Volume	Programmable from 50 ml to 4000 mL
Temperature Range	20°C to 50°C
Temperature Accuracy	$\pm 0.5^\circ\text{C}$
Media preparation time	25 min
Hose	Single
Media tank	S.S. 316, Teflon coated
Vacuum pump	760 mmHg
Piston pump	Ceramic metering piston pump
Volume Accuracy	$\pm 1\%$
Power	1200 watts
Power supply	230V AC/ 50Hz. $\pm 10\%$ & 110V AC/60Hz $\pm 10\%$
Humidity	70% max.
Storage temperature	10°C to 50°C
Operating temperature	10°C to 30°C
Dimensions (LxWxH)	562mm x 425mm x 871mm
Weight	60Kg (Approx.)

Ordering Information:

Products

Product code	Description	Quantity
0720600	EMD-21P (Body made of M.S.) -230V	1
0710600	EMD-21P (Body made of M.S.) -110V	1

Optional accessories

Part number	Description	Quantity
0909A00009	STARLITE-12 Thermal paper roll (Set of 24)	1
0103A00203	Deconex 12 Basic (1000ml bottles)	1