

MD - 3500

Advance Dissolution Media Degasser



▶▶ **Product Introduction**

The MD 3500 is Compact, Transportable and offers quick and easy preparation of up to 10 litres dissolution media in less than 15 minutes.

In a single pass the media for dissolution tests can be precisely heated, degassed and filled gravimetrically into vessels. Foaming media like SDS (Sodium Dodecyl Sulphate) can also be used.



▶▶ **Smart Design**

Microprocessor Controlled Touch Screen Display with Easy to use Interface allows User to Program Important Function like Heat, Vacuum Degassing.

▶▶ **Smart Sensor**

Will detect the jars and Only Dispense Media only if Jar is placed in Position of Dispense.



In Line Heang

It Helps Avoid Time Delays associated with Conventional heang Method.

The System is ready to prepare Media immediately upon on power up.

Piston Controlled Vacuum Chamber

for Highly Effecve De-aeraon and Precise Media Volume.

Variable Dispense Volumes - 200ml to 1000ml.

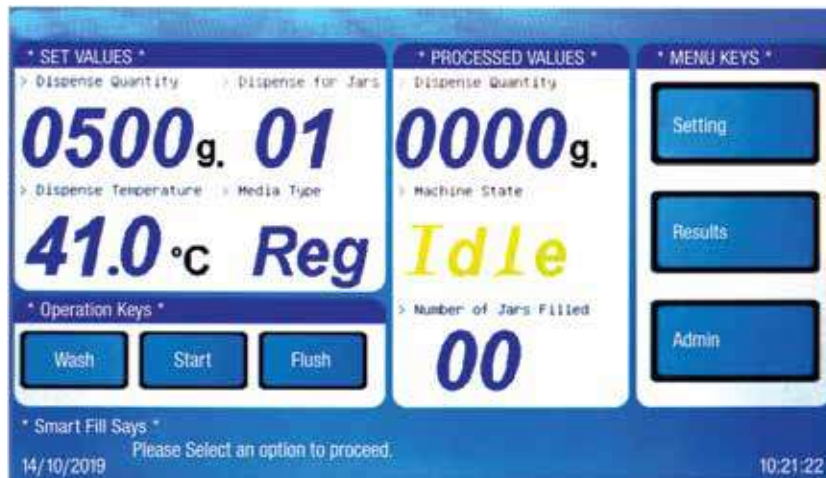
Dispensing Method: Volumetric and Gravimetric.

Validaon and Calibraon: Inbuilt for Temperature and Volume.

Designed to use with Surfactants and handle Frothing.

Quick Documentaon via Mobile

Thermal Printer



►► Specification

Product	MD 3500
Function	Heating and Vacuum Degassing
Pharmacopeia Conformance	USP,EP
Control	Smart Touch Panel 7"
Time Needed for Degassing	1000ml in less than 110 sec.
Dispensing Volume	200 ml to 1000 ml to 200g to 1000g.
Dispensing me	1000ml in less than 110 sec at 41°C in ambient temperature.
Dispensing Accuracy	±1% of set volume, but not less than ±5 ml
Degassing	Up to a maximum of 3.0 ppm, to a level of not less than 5.0 ppm
Input Filter	25 mm in-line filter holder
Temperature Control	Cartridge Heater
Temperature Accuracy	± 2°C
PC Interface	RS-232 (serial) & Thermal Printer
Unit Dimensions	Height 32.28" (82 cm)
	Width 15" (38 cm)
	Depth 17.32" (44 cm)
Weight	37.0Kg
Electrical Power	220V ± 15V 50Hz 8Amps
	(Operating voltage pre-set at factory)

▶ PARTS & ACCESSORIES

- Replacement Tubing Kit. Includes 7.5 Feet of 1/4 Inch Polyethylene Tubing and 1.5 Feet of 1/4 Inch Viton Tubing
- Main Overlay
- Dispensing Tip
- 1/4 Inch NPT Thread Insert Connected to Dispensing Tip
- Wash Tubing Assembly
- Filter Holder
- DC Motor and Wiring Assembly
- FEP Encapsulated O-Ring for Piston
- Heater and Thermocouple Including Wiring Assembly
- Temperature Sensor Including Wiring Assembly
- Encoder and Limit Switch Including Wiring Assembly
- Upper and Lower Solenoid Valve
- Upper Solenoid Valve
- Drive Belt
- Remote Dispensing Nozzle. Includes Remote Dispensing Unit, Hose and Control Cable
- Mobile Cart (Trolley)



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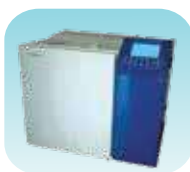
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