

MD - 3500

Advance Dissolution Media Degasser



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

▶▶ **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 Heating, 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-aderaon and Precise Media Volume.

Variable Dispense Volumes - 200ml to 1000ml.

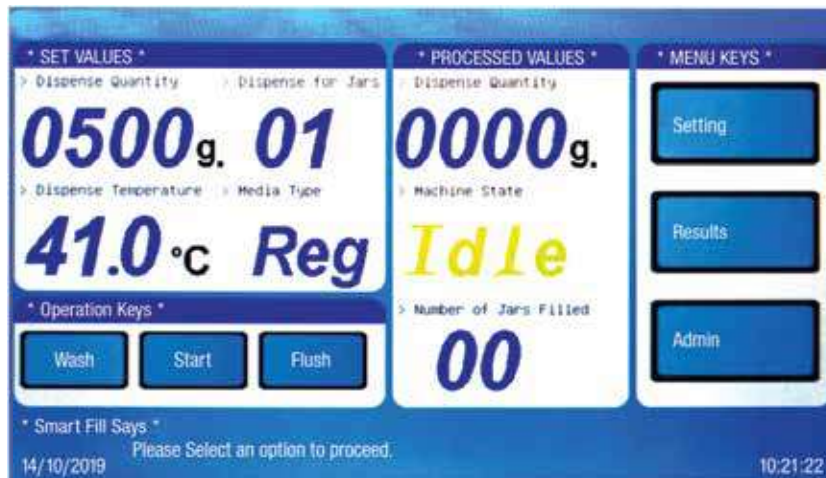
Dispensing Method: Volumetric and Gravimetric.

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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HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



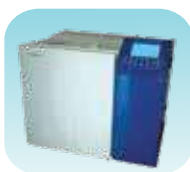
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Chromatograph
3007



Optima Gas
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Spectrophotometer



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Counter



Optical Emission
Spectrophotometer



DSC/TGA



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Chemistry Analyzer



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Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



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Ion Chromatograph



Water purification
system

Regulatory compliances



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Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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