

MDS - 3650

Microwave Digester



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Quality Spare Parts

- Sample digestion vessels are made of imported TFM material while outer protection vessels are made of PEEK and glass fiber which prevents high pressure and high temperature and also avoids acid, alkali as well as some organic reagents.
- 316L stainless steel chamber with teflon coating avoids corrosion and prevents high temperature.



316L Stainless Steel Chamber



Vessel



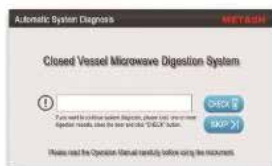
Vessel Compose

- Up to 12 vessels to meet different digestion requirements.
- Vertical Microwave design for even distribution of microwave.
- Real time monitoring for both temperature and pressure of each vessel.
- Contactless monitoring with no burst disk design saves consumable cost and maintenance cost.
- Imported vessel material for both sample vessel and protection vessel ensures safety.
- Touch screen with user-friendly interface for easy operation.
- Imported CFRP outer shell material with high strength ensures impact resistance.
- Pre-installed international standard methods while user can also edit, save, modify and delete own methods.
- 316L stainless steel tank with teflon coating avoids corrosion and ensures fast cooling.
- Special magnetron design which carries out high microwave leakage standards.



►► Firmware

- The system with user-friendly interface which ensure easy and simple operation. We have pre-installed many international application methods while user can also create, edit, save, modify and delete their own methods.



System Self-diagnosis



Login interface



Function Selection



System Calibration



Program Methods



Run Interface

►► Technical Specification

Vessels	6/8/10/12
Temperature Monitoring System	All vessels temperature Control;Contactless temperature monitoring;Temperature Range:50~400C,"Temperature Accuracy:+0.1C,Display Accuracy:+0.1C.
Pressure Monitoring System	All vessels pressure control;Contactless pressure monitoring; Pressure control range;015MPa,Pressure Accuracy:±0.01MPa Display Accuracy:+0.01Mpa.
Vessel Volume	100mL
Vessel Material	Imported TFM
Protection vessel material	Peek+Glass Fiber
Display	7 inch Touch Screen
Rotation	One Direction 360 continous rotating
Microwave Tank	316L stainless steel tank with erosion-proof coating
Microwave Power	0-1000W (adjustable)
Microwave Leakage	<5mw/cm2
Air exhaust	High power erosion-proof air blower
Power	AC 220V ±10%, 10A, 50/60 Hz
Dimension	490 x 560 x 630mm (L x W x H)
Weight	47Kg

Price	30,00,000 INR
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HPLC Servicing, Validation, Trainings and Preventive Maintenance :

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.

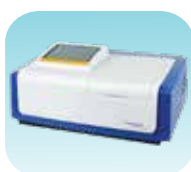
Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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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Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



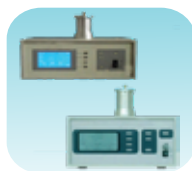
Atomic Absorption
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Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



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Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

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



Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

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

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

Reach us @



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