

# MA - 3000

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## Moisture Analyzer



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

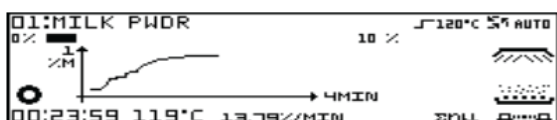
## ►► Introduction

MA Series Moisture Analyzers provide fast, precise and reliable moisture determination in the lab-ordrory and on the factory floor. The industry solutions offer full compliance with regulations for the pharmaceutical industry, highest resolution for plastics, and production-proven instruments for the food industry.

MA Series is compact in shape & big in performance. It performs all the major Functions of routine moisture analysis with following features.

## ►► Standard Features

- Data memory up to 1000 data
- Data can be divided in to 40 methods or 100 batchs
- User can avail Statistic method or batch wise
- Facility of compile two method
- PS2 Key Board connectivity make it very user friendly operation.
- Password protection prevent unauthorized use of the important setting
- 4 user ID configurable
- ISO/GLP calibration report for weight and temperature, also last successfully calibration report can be avail any time form the memory
- Programmable customize print format
- Alpha numeric keypad makes it easy to enter method name
- Weight in assist helps user to do accurate measurements
- Facility to add any insolvent before actual drying
- Possible to configure stand by temperature between 30<sup>0C</sup> to 175<sup>0C</sup>
- Highly flexible display for changing font, background and contrast
- User configurable print interval during the moisture determination
- Auto Off, Auto keypad lock



Method Wise storage allows the user to store 25 moisture determination results in each method, user can store such 40 methods. Method wise storage is suitable for application in R & D or Quality Assurance where there are more number of different product (samples) to be analyzed.

## ►► Data Storage

Ethernet • USB Cable • RS - 232

MODEL	MA 3054	MA 3040	MA 3050	MA 3120	MA 3200
Max capacity	50 g	50 g	50 g	50 g	50 g
Precision of readout mass	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg
Precision of readout of moisture	0.0001 %	0.0001 %	0.0001 %	0.0001 %	0.0001 %
Repeatability (Sample 2g) (sd)	0.05%	0.05%	0.05%	0.05%	0.05%
Repeatability (Sample 10g) (sd)	0.02%	0.02%	0.02%	0.02%	0.02%
Display information	%moisture, %of dry substance, diagram graph, ratio, % Atro moisture, % Atro Dr, % gm/ltr				
Range of temperature of drying	Max to 175 <sup>o</sup> C (option to 250 <sup>o</sup> C)				
Maximum time selection	999.9 min.				
Set temperature	Interval1 <sup>o</sup> C				
Software of drying	Standard, Rapid, Step, Gentle & High Temp.				
Auto options-turn off	Automatic, Manual timed, User DEF G/T, User DEF % U/T, Inteligents				
Menu language	English				
Transfer of data	RS 232 / USB / Ethernet				
Pan Size (mm)	95 Ø				
Display	Backlite Graphical LCD Display				
Temperature of work	1 SOC to 350C				
Tare Range	Full Capacity				
Voltage of power supply	230 v/50Hz or 1 15v/60Hz				
Housing Size (WxDxH) mm	211 x 342 x 187				
Net Wt. / Gross Wt.	5 kg / 6.3 kg				

## 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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Chromatograph  
3007



Optima Gas  
Chromatograph  
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Atomic Absorption  
Spectrophotometer



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



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



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](mailto:Info@analyticalfoundation.org)

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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