

Infrared Moisture Meter

3105W



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Infrared Moisture Meter, Model 3105W is a new type of high-speed infrared moisture test instrument and can be used to measure the moisture of any material. (Except the substances which generate dangerous chemical reaction through heating) The instrument is designed in accordance with the thermogravimetric principle. While the instrument measures the weight of samples, infrared heating units and water evaporation channels dries samples rapidly too. In the drying process, instrument measures continually and displays immediately the lost moisture (%) of the samples in the process. When the drying is completed, the finally measured moisture is locked. Press the display button, data such as the moisture value, the starting value of the weight, the initial value and measuring time can be observed. Compared with the traditional oven heating method, infrared heating can achieve maximum heating power in the shortest possible time because that the samples are dried rapidly in high temperature can greatly accelerate the measurement time. The instrument is applicable to all the fields which need rapid moisture measurement such as medicine, grain, tobacco, chemicals, tea, foods, textiles, wood, agriculture and forestry, etc. This instrument is able to communicate with computer. Measuring data of moisture can be printed out through the computer or directly by the printer matched.

►► **Primary Technical Specification**

- Measuring Accuracy of Moisture (%): 0.005 Amount of Samples \geq 3 g
- Measuring Ranges of Moisture (%): 0-100
- Weight of Measurement Samples (g): 3-110
- Maximum Weight (g): 110
- Minimum Reading of Weight (g): 0.01
- Readability of Moisture (%): 0.01
- Temperature Indication Ranges ($^{\circ}$ C): Room Temperature -199
- Display Parameter: 7 kinds
- Power Supply: Voltage 220 $v \pm$ 10% Frequency 50HZ \pm 1HZ
- Temperature of the Working Environment: -5 $^{\circ}$ C to 50 $^{\circ}$ C
- Relative Humidity: \leq 80% RH
- Dimensions: 337mm x 215mm x 334mm
- Net weight: 3.7kg

▶▶ **Servicing, Validation, Trainings and Preventive Maintenance :**

- Servicing : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings :We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- 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 globe. 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**



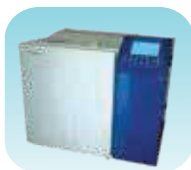
UV/VIS Spectro 2080+ Double Beam



Infra FTIR



Optima Gas Chromatograph 3007



Optima Gas Chromatograph 2979 Plus



Flash Chromatograph



Atomic Absorption Spectrophotometer



Liquid Partical Counter



Optical Emission Spectrophotometer



DSC/TGA



Semi Auto Bio Chemistry Analyzer



HEMA 2062 Hematology Analyzer



Micro Plate Reader/Washer



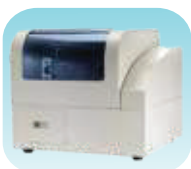
URINOVA 2800 Urine Analyzer



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

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.

▶▶ Reach us @

