

3000

Fully Automatic Densitometer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

The Fully Automatic Density Meter employs the U-tube oscillation principle, seamlessly integrating Peltier precision temperature control technology with high-definition video imaging. This innovative design not only delivers accurate, stable, and reliable test results but also ensures an efficient and user-friendly testing experience. The HD video display clearly shows any bubble interference in the sample, while the pulse excitation and high-precision detection technology enable users to accurately and quickly measure density and related parameters.

Innovation points to improve efficiency:

- 1: Automatic integration to achieve one-click measurement function;
- 2: Built-in paratronic temperature control, improve accuracy and stability;
- 3: HD video to avoid bubble effects;
- 4: Data can be printed directly through the printer;
- 5: Comply with 21 CFR Part 11, audit trail, pharmacopoeia and electronic signature.

Fully Automatic Densitometer High Precision Fully Automatic Liquid Density Meter U-Tube Oscillation Density Meter

Application fields:

Density meter plays an important role in chemical industry, petrochemical industry, food, medicine research, etc., and is an essential instrument for testing food, medicine, fragrance, daily chemical, petroleum and other liquid samples.

Specification:

| | |
|--|--|
| Test mode | density, alcohol concentration and custom formula |
| Measuring range | 0 g/cm ³ to 3 g/cm ³ |
| Resolution | ±0.0001g/cm ³ |
| Repeatability | ± 0.0001 g/cm ³ |
| Accuracy | ±0.0003g/cm ³ |
| Sampling method | automatic (compatible with manual) |
| Video function | real-time monitoring of bubbles |
| Temperature control mode | Paratronic temperature control |
| Control temperature range | 10°C -50°C |
| Temperature resolution | 0.01°C |
| Concentration formula edited | density coefficient and concentration calibration curve |
| Network | Wireless WIFI connection |
| Display | 10.4 inch FTF color touch screen |
| Data storage | 32G |
| Output mode | USB, RS232, RJ45, SD card, U disk |
| User management | four levels of permission management/permission can be freely configured |
| Audit trail | Yes |
| Export file verification high level protection MD5 | Yes |
| Multiple file formats export | PDF and Excel |
| Electronic signature | handwritten signature |
| Chromatogram analysis | concentration curve chromatography scanning analysis, density coefficient and concentration calibration curve |
| User accounts | Enable and freeze functions |
| Printing | Compatible with wireless laser printers and dot matrix printers |
| Drying function | Built-in drying blower, can automatically dry the sample tube after each cleaning |
| Size | 480 mm x 320 mm x 200 mm (length * width * height) |
| Weight | 8kg |
| Power supply | 110V-230V 50HZ/60HZ |

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



LCMS



Automated Prep-Flash Chromatography system



Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



UHPLC



HPTLC



Ion Chromatograph



Production HPLC



Helium Mass Spectrometer Leak Detector



Column



DLS



Water purification system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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Analytical Foundation

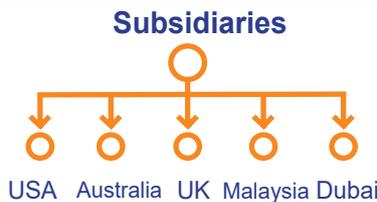
1. Research & Innovation **Scientist's awards & International Conference visit sponsorship / QC Professional Awards:** Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personallities for their contributions 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, Naturecure, Health Care, Ara, Events, Camps etc.

▶▶ A portion of profit of **ANALYTICAL GROUP** Company's goes into **ANALYTICAL FOUNDATION** for the aboce noble cause.

▶▶▶ Reach us @



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