



Multiplelabs™
Turnkey Laboratories Solutions



Analytical®
Technologies Limited

DIGITAL HARDNESS TESTER MODEL: DHT 3000 SERIES



DHT 3000 SERIES is a horizontal loading, mechanical strength testing machine. It is equipped with microcontroller based circuitry, specially designed to sequentially measure HARDNESS, DIAMETER, THICKNESS and other physical parameter of the tablets. This easy to use is equipped with advanced features making it suitable and versatile for wide range of applications.

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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Features

- ➔ Micro-controller based circuitry to measure physical dimensions of tablet.
- ➔ User friendly tactile keyboard and external PS2 (computer) keyboard.
- ➔ User selectable shape of the tablet.
- ➔ High resolution, LCD display panel.
- ➔ Different level password protection.
- ➔ RS232 connectivity for electronic balance interface.
- ➔ Statistical analysis including Mean and standard deviation.
- ➔ Easy calibration and validation mode for diameter and weight.
- ➔ Memory to store more than 50 test reports and 99 test methods.

Technical Specifications

Measuring principle	Electronic Load Cell with Solid State Strain Gauge.
Tablet Width/ Diameter/ Thickness	0-45 mm
Hardness Measuring Range	Upto500 N.
Length	0.1 to 40mm
Measuring Units	Kp, Kg, N(Newton), Lp or Strong Cobb(Sc).
Accuracy	±0.6mm
Max no of samples/batch :	25 tablets.
Printer	80 Column DOT Matrix Printer. (Optional Accessories)
Instrument Housing	M.S. fabricated with Epoxy Powder Coating.
Input Power	230 VAC, 50 Hz.

▶▶ **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 @



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