



## KLABS KDTH-500 Digital Tablet Hardness Tester



### Product Description

KLABS KDTH-500 Digital Tablet Hardness Tester is designed for accurate measurement of tablet hardness in pharmaceutical and quality control laboratories. The instrument features an LCD backlit display, multiple measuring units, rechargeable battery operation, peak force measurement and data storage capability for reliable hardness testing.

### Features

- LCD with backlit display
- User-friendly 9-key operation
- High accuracy hardness measurement
- Multiple measuring units (N, KGF, Lbf)
- RS-232 communication interface
- Peak force measurement function
- Acrylic safety glass cover
- Stores up to 10 test results with average calculation
- Rechargeable battery operation
- Suitable for tablet sizes from 2 mm to 28 mm

### Application/Uses

- Pharmaceutical Laboratories
- Tablet Hardness Testing
- Quality Control Laboratories
- Production Monitoring
- Research & Development Laboratories
- Academic Institutions
- Formulation Development
- Process Validation Studies



LED DISPLAY



TABLET HARDNESS DETECTION



STABLE DESIGN



ACCURATE & STABLE



EASY OPERATION

## Technical Specifications

Parameter	Specification
Product Name	Digital Tablet Hardness Tester
Model Number	KDTH-500
Display	LCD with backlit display
Keyboard	User Friendly 9 Keys operations
Hardness Range	5–500 N
Hardness Accuracy	±0.05% FS
Measuring Units	N (Newton), KGF (Kilogram Force) and Lbf (Pound Force)
Interface Ports	RS-232
Dimensions	360 × 65 × 100 mm
Power	12V, 300 mA DC power adapter
Battery	1200 mAh, 8.4V, Ni-HI Rechargeable Battery
Peak Force Measurement	Yes
Acrylic Safety Glass Cover	Yes
Stored Results	Up to 10 (also calculate the average value of test results)
Tablet Size	Yes (2 mm to 28 mm)

### Standard Accessories

- Main Instrument
- 12V DC Power Adapter
- Rechargeable Battery
- Acrylic Safety Glass Cover
- Instruction Manual
- Test Certificate