

DIGITAL MICROMETER 49-5X SERIES



FEATURES

- Large LCD display
- Electronic compensation minimizes displacement transducer non-linearity
- Rigid cast aluminum base assures thermal and mechanical stability
- Foot switch allows hands-free operation of test button
- RS-232 data output
- Range: 0 to 2 mm and 0 to 20 mm
- Resolution: 0.001 mm*
- Accuracy: ± 0.0025 mm up to 1.25 mm
- Repeatability: 0.1% of range
- Operating temperature: +20°C to +30°C

TESTING

Model 49-5X is a precision micrometer for measuring thickness of sheet materials such as Paper, Paperboard, Textiles and Fabrics. A selection of pressure feet is available to meet a variety of standards requirements. The unit also incorporates a unique cantilever system to vary the pressure exerted on the sample by adding or removing weights. Pressure foot speed and dwell time are controlled to insure accurate and repeatable test results.

APPLICATIONS

Paper, Paperboard, Corrugated, Cloth, Plastic, Rubber, Plastic Film, Textile Fabrics, Non-wovens, Felts, Geomaterials, Floor Coverings, Leathers and Wipes .

STANDARDS

Textiles: ASTM D 5729, ASTM D1777, EDANA 30.4, ISO 5084, ISO 9073-2

Paper: TAPPI T-411, EN ISO 3034, EN ISO 12625-3, ISO 534, APPITA 1301.426, PAPTAC D.4

OPTIONS

*Resolution increased by a factor of ten to 0.1 μ m (for 49-50) and to 1.0 μ m (for 49-52)

- PC Software to perform statistical analysis and display on 2 to 200 measurements
- Universal Strip Feeder Model 75-02-00-0001
- Printer

