

MANUAL THICKNESS TESTER

These thickness testers are used for measuring the thickness of leather, textiles, cardboard, felt, rubber, glass, sheet metal, foils, plywood, plastic parts of all kinds etc.

Depending on the application, following criterions are important for a correct selection :

- max. resolution required
- measuring range
- depth of jaw
- shape of feelers
- measurement principle

The digital models (see beneath) have an easy to read LCD display and a RS232 output for datacollection.

Thickness gauges for measuring moving objects such as wires, tapes etc. are also available. These are equipped with rollers instead of the usual feelers.



Model J-50

Features

- Electronical or mechanical gauge
- User can choose from following measuring principles
 - measurement by spring force - opening by lifting wheel or by lifting device (lever), both self closing
 - measurement by manual pressure by plunger - opening by spring force, self opening
- Hand-held models
- Light and solid construction - aluminium housings
- All models are also available in inch
- Easy zeroing by using the knurled adjusting outer ring



Model JD-50

Cardboard, Packaging, Paper, Plastics, Textile, ...

Physical specifications

Dimensions

Varying, but all portable models

Net Weight

Varying from 90 g to 1.4 kg

Options

Specified test report with calibration report can be made only for the dial gauge at extra charge.

Performance data

Resolution

0.1, 0.01 or 0.001 mm
(0.005 mm for moving objects)

Measuring range

1, 5, 10, 20, 30 or 50 mm

Depth of jaw

15, 18, 30, 45, 50, 100, 200, 300 or 400 mm

Form of feelers

Flat, convex or spherical

Note : feelers are not interchangeable

Pressure feet

Different diameter 10 to 30 mm

Measuring pressure

0.8 N, 1.0 N, 2.0 N
(digital testers < 1.4 N)

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