

# DT-25 Soft Material Thickness Gauge

The DT-25 Soft material thickness gauge is used to perform precise thickness measurements in soft materials and conforms to international standards.

The easy adjustable descending speed of the presser foot is controlled by a unique hydraulic damping system that ensures a superior repeatability and eliminates human dependent results.

The applied pressure is defined by an adjustable counterweight system, an easy to use feature that allows continuous pressure adjustment.

## Measurement parameters

**Resolution:** 0.01 mm (optional 0.001 mm)

**Accuracy:** 0.02 mm (optional 0.002 mm)

**Range:** 0 – 25 mm

**Velocity:** easy adjustable by a hydraulic system

**Press foot contact diameter:** 2 – 60 mm

(delivered with a standard diameter 56.42 mm pressure foot,

customised sizes upon request)

**Applied pressure:** 10 – 1000 g load mass

## Technical parameters

**Material thickness range:** 0 - 25 mm

**Data transfer output:** RS-232 serial port

**Dimension W / L / H:** 150 / 365 / 270 mm

**Weight:** 6.1 kg

Hydraulic dampening feature

No external power requested

1-Year Warranty

## Options / Accessories

**High resolution:** 0.001/0.002 mm

Customised Presser foot upon request

Hard-shell transportation case

Windows 7 Software kit (communication cable and foot pedal included)



## Common standards for thickness measurements in soft material

Application	Standard	Application	Standard
Paper & Board	ISO 534	Textile thickness	ISO 084
Paper & Board	BS EN 20534	Textile	ISO 2589
Paper & Board	TAPPI T 411	Textile	ISO 53855
Paper & Board	ISO 3034	Textile	ISO 073-2
Paper & Board	BS 4817		

Please contact us with details of your application or standard.

