

Precision thickness gauge

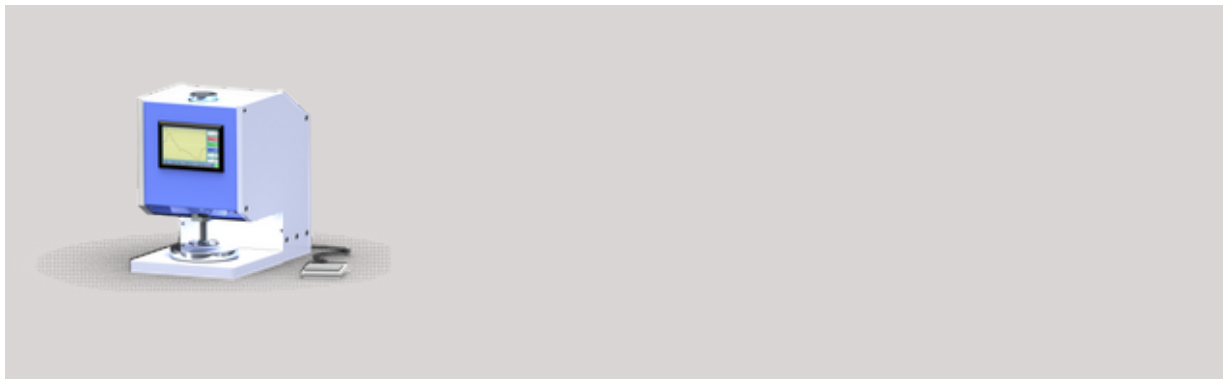
for textiles, nonwovens, geomaterials, paper, floor coverings and leather

The HDM 2010 thickness gauge is a precise, easy-to-use and professional thickness gauge for determining the thickness of various materials. The most common test materials include textiles, nonwovens, geomaterials, paper, floor coverings, leather, foils and rubber. It is manufactured by us from a stable and robust housing with encapsulation against external influences.

The DM 2010 thickness gauge is your choice if you value high measuring accuracy (up to 0.0001 mm), easy handling, fully automatic processing and objective, reproducible, non-manipulable results.

The thickness gauge can be used for different standards by using different measuring surfaces and load masses. The modular design means that customised specifications can also be implemented.

Adjustable parameters: Dwell time, opening height after the measuring process, minimum and maximum limits, number of measured values, unit (mm, inch), language (DE, ENG), colours and brightness of the display



Features:

Possible measuring ranges: 0-10, 0-25, 0-50, 0-100 mm

Resolution: 0.01 mm to 0.0001 mm

Max. Measuring area: 400 cm²

Measuring pressure min.: 2 kPa with a measuring surface of 1 cm² (20 g mass)

Max. measuring pressure: 500 kPa with a measuring surface of 1 cm² (5000 g mass)

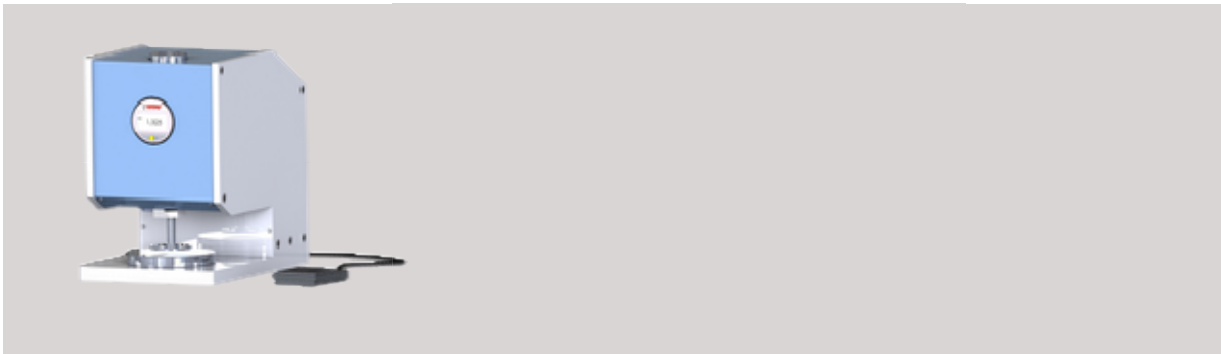
Probe movement: motorised

Operation: 5" resistive touchscreen, foot switch

Interface: USB / RS232

Dimensions: 260 x 180 x 400 mm (L x W x H)

Weight approx.: 22 kg



Thickness gauge HDM 2000

Features:

Possible measuring ranges: 0-10, 0-25, 0-50, 0-100 mm

Resolution: 0.01 mm to 0.001 mm

Max. Measuring area: 400 cm²

Measuring pressure min.: 2 kPa with a measuring surface of 1 cm² (20 g mass)

Max. measuring pressure: 500 kPa with a measuring surface of 1 cm² (5000 g mass)

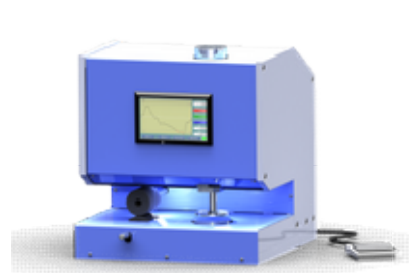
Probe movement: manual

Operation: manual

Interface: USB

Dimensions: 260 x 180 x 400 mm (L x W x H)

Weight approx.: 21 kg



Features:

Possible measuring ranges: 0-10, 0-25 mm

Resolution: 0.01 mm to 0.0001 mm

Max. Measuring area: up to 100 cm²

Measuring pressure min.: 2 kPa with a measuring surface of 1 cm² (20 g mass)

Max. measuring pressure: 500 kPa with a measuring surface of 1 cm² (5000 g mass)

Probe movement: motorised

Material feed: motorised, automatic (adjustable)

Operation: 5" resistive touchscreen, foot switch

Interface: USB / RS232

Dimensions: 300 x 300 x 320 mm (L x W x H)

Weight approx.: 31 kg

With the PDMG PRO statistics software, you can control the Hess precision thickness gauges via a PC, analyse data directly and conveniently forward and save the measured values generated.

Scaling 0.01 mm - Series HDM T (textile) * V (fleece) * L (leather)



We offer special designs for textiles, fleece and leather. In accordance with applicable standards, these special designs apply defined test pressures to a fixed, circular test surface. In order to guarantee the test pressure at all times, these devices are only available with a stand.

For large dimensions Digital

Scaling 0.01 mm HDM - MDM series

As with all our digital measuring devices, you can switch the display between mm and inches. The standard equipment of all Wolf measuring devices includes a digital interface (micro-USB) with which you can process the measured values digitally.

We also offer the appropriate software and a special data cable.

The measuring devices are available with or without a stand. We recommend the version with a stand to minimise measurement deviations due to body heat.

