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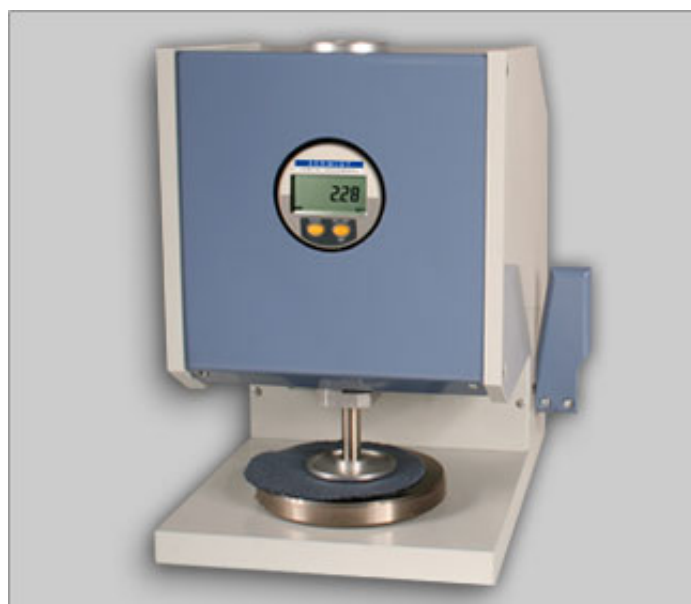
## Thickness Gauge D-2000

Measuring range 0 - 10 or 25 mm, resolution 0.01 or 0.001 mm

Thickness Gauge to determine the material thickness of all kinds of fabrics. With these instruments the most popular checking methods can be applied for textiles, felt, geomaterials, paper, floor coverings, leather, foils, rubber etc.

According to international standards DIN, EN and ISO

thickness gage with high accuracy and resolution.



Thickness gauge D-2000-T

### Special Features

- Feeler movement manual by plunger
- Thickness gauge with RS 232 data output
- Separate measuring block, incased against outside external impacts, for highest accuracy and repeatability

- Rigid housing frame
- Additional weights for different surface pressure values

## Standard Features

- Easy to use
- Standard measuring range 0 - 10 mm
- Thickness gage with LCD display - switchable measuring units mm / inch
- Resolution 0.01 mm, 0.001 mm - optional
- Calibration report for free, DKD inspection certificate optional

## Available Models

Model	Standard	Application	Feeler Ø mm	Feeler cm <sup>2</sup>	Test Pressure
D-2000-T	DIN EN ISO 5084	Textiles	50.42	20	0.1 kPa and 1 kPa
D-2000-V	DIN EN ISO 9073-2	Standard fleece	56.42	25	0.1 kPa and 0.5 kPa
D-2000-G1	DIN EN ISO 9863-1	Geomaterials	56.42	25	2 kPa
D-2000-G2	DIN EN ISO 9863-1	Geomaterials	56.42	25	2 kPa , 20 kPa and 200 kPa
D-2000-NW	DIN EN ISO 53855	Non-woven textiles	56.42 35.68	25 10	0.5 kPa and 1 kPa 5 kPa
D-2000-P*	DIN EN ISO 534	Paper	16	2	50 kPa and 100 kPa
D-2000-HY	DIN EN ISO 54540	Hygienic paper	56.42	25	2 kPa
D-2000-L	DIN EN ISO 2589	Leather	10	0.785	49,1 kPa
D-2000-Gi		Rubber	35.68	10	5 kPa
			<b>Feeler Calotte</b>		
D-2000-F*	DIN 53370	Foils	R 30 mm		0.5 N

\*Resolution 0.001 mm is standard

We also supply **custom designed models**, which cover different standards within one instrument. Please inform us, which standards you use and what measuring force and feeler size is required. We will send you our suggestion.

## Attachment (Optional )

<b>Code R</b>	Higher resolution 0.001 instead of 0.01 mm
<b>Code M</b>	Motorized feeler movement 2.5 mm/sec. operated by foot plug
<b>Code T</b>	Adjustable measuring time 2 to 32 seconds in 2 sec. steps
<b>Code E25</b>	Higher measuring range 0 - 25 mm
<b>Code E50</b>	Higher measuring range 0 - 50 mm
<b>Code V</b>	Adjustable measuring range 0 - 10 mm or 0 - 25 mm
<b>Code P</b>	With external power supply for dial gauge
<b>DKD-Cal</b>	Calibration report from a DKD authorized laboratory

## Software (optional)

### P-DMG



Software for data transfer, displaying and analysis of measured data on PC  
**Order number: SW-50**

**Click picture** for more information

## Delivery Includes

Thickness Gauge with transport packing case, calibration report of manufacturer and operating instructions in english or german

## Specifications

<b>Measuring range:</b>	0 - 10 mm, option 0 - 25 mm or 0 - 50 mm
<b>Resolution:</b>	0.01 mm, option 0.001 mm
<b>Accuracy:</b>	±0.02 mm, option ±0.002 mm
<b>Depth of jaw:</b>	160 mm
<b>Measuring system:</b>	Capazitive -> Sylvac
<b>Display:</b>	LCD 6 digit, 8.5 mm high
<b>Measuring unit:</b>	mm or inch (switchable)
<b>Feeler shape and surface pressure:</b>	According international Standards DIN, EN and ISO
<b>Output signal:</b>	RS 232
<b>Temperature range:</b>	10 - 45 °C
<b>Air humidity:</b>	85 % RH, max
<b>Dimensions:</b>	250 x 310 x 300 mm (LxWxH)
<b>Weight, net (gross):</b>	23 kg (26 kg)

Specifications subject to change without notice!

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