

The series HTG-B Thickness Gauge is a cost efficient and easy to use instrument for measuring the thickness of film and foils.

The modular design with interchangeable feet with related weights enables the use for several standards. We can also offer specific Thickness Gauges modified to fit your special requirements.

The constant force and precision machined parts enables repeatable readings.

We use only corrosion-resistant materials. Therefore you can use our Thickness Gauges in environments with high humidity.

Features:

- Laboratory grade granite base:
Ø200 mm x 40 mm
- Stainless steel Column: Ø30 mm
- Sturdy aluminium lever
- Individual serial number on weight/foot
- Measuring way: 12,5 mm
- 3 Resolution adjustable:
 - o Resolution 10 µm = max. error 10 µm
 - o Resolution 1 µm = max. error 3 µm
 - o Resolution 0,1 µm = max. error 1,8 µm
- Weight approx. 6,0 kg
- Delivered with operating instructions and manual lifter

Optional:

- Inhouse Calibration Certificate
- Slip gauge
- HilMeasure software (not available yet)
- DAkkS-cert for gauge (measuring way)

Bestseller:

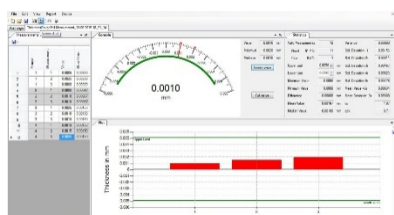
Thickness Gauge for film and foils HTG-2-1

- Weight on foot: 10,197 g....50,985 g
- Modular design
- Equipped with an interchangeable weight and foot R40
- Conforms to following standards:
 - o ISO 4593 (Plastics-Film and sheeting- Determination of thickness by mechanical scanning)
 - o DIN ISO 4593 (part 2.1.2: plane/radiused measuring surfaces)



Interchangeable weight with foot

HilMeasure:



Configured models					
Model	Standard	Application	Foot Ø (mm)	Weight (g)	Pressure (kPa)
HTG-1	ISO 23529 ASTM D 3767	Rubber, elastomers	4,0	28,0	22,0
HTG-2	ISO 4593 DIN 53370 withdrawn	Film and foils	R40,0	10...50	---
HTG-3	ISO 5084	Textiles	50,5	204,0	1,0
HTG-4	ASTM D 3767	Rubber/elastomers with a hardness of <35 IRHD	16,0	212,0	10,0
HTG-5	ASTM D 1777 Option 2	Coated fabrics, narrow fabrics, webbings, tapes, ribbons, braids	9,5	169,0	23,4
HTG-6	DIN EN ISO 2589	Leather	10,0	393,0	49,1
HTG-7	ASTM D 1777 Option 3	Films, glass cloths, glass tapes	6,3	546,0	172,0
HTG-8	ASTM D 5199	Geosynthetics	56,4	509,5	2,0
HTG-9	DIN EN 534	Paper and cardboard	16,0	2050,0	100,0
HTG-10	DIN ISO 3034	Cardboard	35,7	2041,0	20,0
HTG-11	DIN EN ISO 12625-3	Tissue	35,7	204,0	2,0
HTG-12	DIN EN 1849-2	Flexible sheets for waterproofing	10,0	160,0	20,0
HTG-13	ASTM D 1777 Option 1	Woven fabrics, knitted fabrics, textured fabrics	28,7	273,0	4,14
HTG-14	ASTM D 1777 Option 5	Blankets, pile fabrics, napped fabrics	28,7	46,2	0,7
HTG-15	DIN EN ISO 2286-3 Teil 3	Rubber- or plastics- coated fabrics	10,0	16,0	2,0
HTG-16	DIN EN ISO 2286-3 Teil 3	Rubber- or plastics- coated fabrics	10,0	192,2	24,0
HTG-17	ASTM F 2251	Flexible packaging material	15,875	1033,0	50,3
HTG-18	ASTM F 2251	Flexible packaging material	6,35	10...150	---

