

Elastocon®

Thickness Gauges with optional computer connection



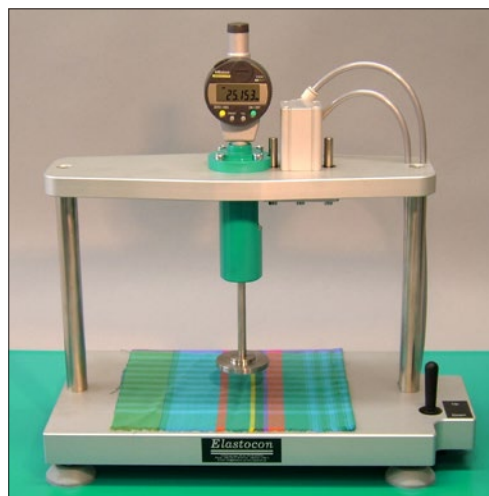
Thickness Gauge EV 01 for thickness measurement according to ISO 23529 and compression set measurement according to ISO 815.



Thickness Gauge EV 01 F is a special version, with the possibility to set the parallelity between measuring foot and table.



Thickness Gauge EV 06 for thickness measurement according to ISO 5084 for textiles.



Pneumatic Thickness Gauge EV 07 for thickness measurement according to ISO 5084 for textiles.

Technical specifications, Thickness Gauges

The equipment is intended for thickness measurements according to ISO 23529 for rubber or ISO 5084 for textiles and for compression set testing according to ISO 815 as well as other technically equivalent standards.

The thickness gauge includes

- **Digital Gauge** modified for correct measuring pressure for rubber, plastic or textile testing
- **10 mm gauge block**
- **Lifting cable**
- **Measuring foot**
- **Weight** for thickness measurements.
- **Stand**, of stable construction, with the possibility of fine adjustments of the height

If equipped with the optional accessories EV 01.04 interface kit, for computer connection, and EC 02 software, the values can be collected from the connected instrument and the results can be printed per material as a trend graph together with statistics.

Optional accessories

- **Interface kit USB, EV 01.04**, for computer connection, including cable and foot pedal.
- **Software EC 02** for Windows computers, for thickness measurements and as well as calculations of compression set. The program collects the values from the connected instrument. The data is stored per material and new measurements are added to existing material profiles, thus avoiding the risk of mixing up the results. The results can be printed per material as a trend graph together with statistics.

The following Thickness Gauges and accessories can be supplied

Type	Use	Resolution, mm	Accuracy, mm	Foot pressure*, kPa	Foot diameter*, mm	Range, mm
EV 01A	Rubber and plastic samples	0,01	± 0,02	22	4,3	12
EV 01B	Rubber and plastic samples	0,001	± 0,003	22	4,3	12
EV 01F	Thin samples, such as condoms and plastic film	0,001	± 0,003	22	10	12
EV 06A 0,1	Textile samples	0,01	± 0,03	0,1	50,5	12
EV 06A	Textile samples	0,01	± 0,03	0,5 or 1	50,5	12
EV 06B	Textile samples	0,001	± 0,005	0,5 or 1	50,5	12
EV 07A	Pneumatic, for textile samples	0,01	± 0,03	1	50,5	25
EV 07B	Pneumatic, for textile samples	0,001	± 0,005	1	50,5	25
EC 02	Software for thickness and compression set measurements (optional accessory)					
EV 01.04	Interface kit USB, including cable and foot pedal (optional accessory)					

* Other diameters and foot pressures can be supplied on request.

ELASTOCON reserve the right to modify these specifications in part or in whole.

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