

## Digital Foil Thickness Gauges FD 1000/30-3

Digital Foil Thickness Gauge FD 1000/30-3 is mainly used to measure the thickness of foils.

The frame has the required rigidity, the insulation of the handle prevents transfer of heat from the hand of the user to the sensitive mechanical parts of this Digital Foil Thickness Gauge.

The digital readout makes the reading of the measurement very easy. The measured value is clearly indicated on the display of the Thickness Gauge.

The contact force is 2 N. On request the instrument can be supplied with a lower contact force of 0.7 N.

### Digital Foil Thickness Gauge FD 1000/30-3

Resolution	0.001 mm / .00005"
Range	3 mm / .120"
Depth of jaw	30 mm
Digital display LCD, height of digits	8.5 mm
Measuring system	inductive
Power supply	on Lithium battery 3 V
Battery life	3000 h
Output	RS 232, optoelectronic / USB
Maximum error	3 µm
Standard contact point	6.35 mm Ø flat
Optional contact points	10 mm Ø flat, upper contact point convex r 15 or r 40, lower contact point 6.35 mm Ø flat lower contact point convex r 15 spherical



# PRECIMER

## Contact Points

### for Dial Thickness Gauges with large frame depth

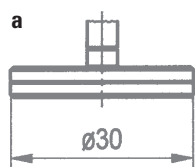
Dial Thickness Gauges are used for measuring the thickness of a very wide range of materials such as leather, paperboard, paper, felt, rubber, glass, sheet, metal, films, plywood and plastics. The shape of the contact points should be adapted to the material being measured.

We normally supply all our Dial Thickness Gauges with contact points to form c as standard, unless otherwise stated in this catalogue. Gauges can be supplied with other forms of contact points (a, b, d or e) at no extra cost. Should you require non standard

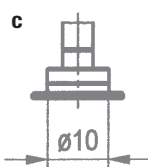
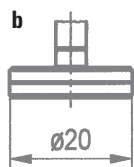
contact points, please state on your order the type of contact points we must supply (for example: Dial Thickness Gauge J 50 with contact points form a).

Special flat contact points up to diameter of 56 mm are available at additional cost. These include contact points with precise contact area, for example  $\varnothing$  of 11.3 m to give 1 cm<sup>2</sup> of contact area.

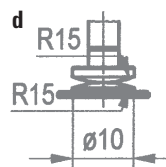
A new attachment, 3.2272, with a female thread M 2.5 is available for Dial Thickness Gauges models K and J 50 - 300. This attachment enables the use of profiled contact points shown on the catalogue pages 87 and 88.



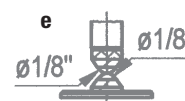
rubber,  
felt,  
soft materials



soft leather,  
cardboard,  
paper, foils



hard leather,  
plywood,  
fibrous  
plates



sheets,  
hard materials