

## Digital Thickness Gauge JD 50/25

with lifting device

## Digital Thickness Gauge JD 100/25

with lifting device

The use of a frame with large frame height together with a Digital Dial Indicator with 25 mm measuring range and a reinforced lifting device attached to the rear results in a Thickness Gauge which combines the advantages of easy handling and large measuring range suitable for various applications. Together with the Stand 2.1670 this converts a portable instrument quickly without complications to a table instrument.

The following functions can be used for all Digital Dial Gauges in connection with our Thickness Gauges:

- Zero setting
- mm/inch selection
- Memory set Hold
- Data transmission
- Ref I / Ref II
- Preset value recall
- Selection of measuring direction
- Selection of reading (only FD series)
- Data request by any ASCII Code

Digital Thickness Gauge JD 50/25 with lifting device	
Resolution	0.01 mm / .0005"
Range	25 mm / 1"
Depth of jaw	50 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
Working temperature	+5 °C – +40 °C
Maximum error	10 µm / .0004" ± 1 Digit
Standard contact point	form c
Optional contact points	forms a, b, d or e

Digital Thickness Gauge JD 100/25 with lifting device	
Resolution	0.01 mm / .0005"
Range	25 mm / 1"
Depth of jaw	100 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
Working temperature	+5 °C – +40 °C
Maximum error	10 µm / .0004" ± 1 Digit
Standard contact point	form c
Optional contact points	forms a, b, d or e



Other models of Digital Thickness Gauges of the same family:

- **Digital Thickness Gauge FD 50/25**
  - resolution 0.001 mm / .00005"
  - range 25 mm / 1"
  - depth of jaw 50 mm
- **Digital Thickness Gauge FD 100/25**
  - resolution 0.001 mm / .00005"
  - range 25 mm / 1"
  - depth of jaw 100 mm

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## Contact Points

for Dial Thickness Gauges with large frame depth

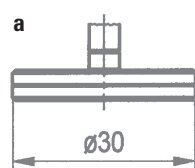
Dial Thickness Gauges are used for measuring the thickness of a very wide range of materials such as leather, paperboard, paper, felt, rubber, glass, sheet, metal, films, plywood and plastics. The shape of the contact points should be adapted to the material being measured.

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

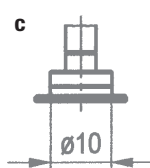
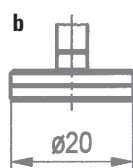
contact points, please state on your order the type of contact points we must supply (for example: Dial Thickness Gauge J 50 with contact points form a).

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 mm to give 1 cm<sup>2</sup> of contact area.

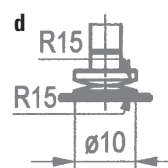
A new attachment, 3.2272, with a female thread M 2.5 is available for Dial Thickness Gauges models K and J 50 - 300. This attachment enables the use of profiled contact points shown on the catalogue pages 87 and 88.



rubber,  
felt,  
soft materials



soft leather,  
cardboard,  
paper, foils



hard leather,  
plywood,  
fibrous  
plates



sheets,  
hard materials

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