

Digital Thickness Gauge JD 50

with lifting device

Digital Thickness Gauge JD 50 TOP

with lifting device

The large digital display has a good visual perception for easy reading of the measuring result. The use of aluminium for the body of the instruments makes them light and easy to handle.

Digital Thickness Gauge JD 50 with lifting device

Resolution	0.01 mm / .0005"
Range	10 mm / .400"
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 50 TOP with lifting device

Resolution	0.01 mm / .0005"
Range	10 mm / .400"
Depth of jaw	50 mm
Digital display LCD, height of digits	8.5 mm
Measuring system	capacitive
Power supply	on Lithium battery 3 V
Battery life	2 years
Output	Opto RS 232 or Digimatic
Working temperature	+10 °C – +40 °C
Maximum error	20 µm / .0008" + 1 Digit
Standard contact point	form c
Optional contact points	forms a, b, d or e



Our models JD 100 and JD 100 TOP have exactly the same technical data, but a jaw depth of 100 mm.

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

Digital Thickness Gauge FD 50

with lifting device

Digital Thickness Gauge FD 200/25

with lifting device

The large digital display has a good visual perception for easy reading of the measuring result. While the model FD 50 together with stand 2.1670 can be used as table model, the model FD 200/25 with reinforced frame is supplied without stand for use as portable instrument. A stand is available on request.

The use of aluminium for the robust body of the instruments makes them light and easy to handle.

Digital Thickness Gauge FD 50 with lifting device	
Resolution	0.001 mm / .00005"
Range	10 mm / .400"
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	5 µm / .0002"
Standard contact point	form c
Optional contact points	forms a, b, d or e

Digital Thickness Gauge FD 200/25 with lifting device	
Resolution	0.001 mm / .00005"
Range	25 mm / 1"
Depth of jaw	200 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	5 µm / .0002"
Standard contact point	form c
Optional contact points	forms a, b, d or e



Spare Dial Gauges are available for all Digital Thickness Gauges. They will be delivered without contact point and without lifting device but with extension for mounting the upper contact points form a or b. For the contact points form c, d and e the extension is not required.

For all Digital Thickness Gauges except for model JD 50 TOP the data connection cable DCMD 232, illustrated on page 128, can be used as suitable accessory.