



Digital Thickness Gauge, High Accuracy

Item number: 547-401A

Images



Description

This ABSOLUTE Digimatic Thickness Gauge with 1 μm digital step enables you to measure film, paper, etc., with flat contact points.

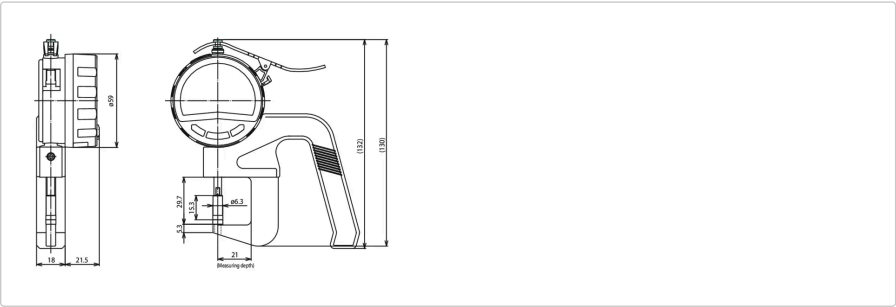
- Bidirectional communication e.g. to perform parameter setting from a PC (Digimatic S 1 interface) is possible.

Features

Digital/Analog:	Digital
Inch-Metric:	Metric
Functions:	With Indicator ID-C No. 543.0-700.0BS
Delivered:	In a box with CR2032 battery, battery lid opener, spindle lifting lever 21AZB149
Range:	0 - 12 mm
Type:	D= 6.3 mm carbide tipped
Digital step:	0.0005 mm/ 0.001 mm/ 0.1 mm
Accuracy:	±3 µm
Parallelism:	3 µm
Protection:	IP42
Indicator No.:	543-700BS
Max. measuring depth:	21 mm
Measuring force:	≤ 3,5 N
Display:	LCD, character height 11 mm
Alarm:	Low voltage, setting errors, sensor error, display overflow a.s.o.
Power supply:	1 battery CR2032 (3V)
Battery life:	Continuous use: approx. 2700h
Remarks:	Electrostatic capacitance type absolute linear encoder
ON/OFF:	Yes
ABS / INC (INC ZERO):	Yes
Function lock:	Yes
GO/±NG judgement:	Yes
DATA/HOLD:	Yes
Counting direction switchable:	Yes
MAX/MIN/RANGE:	Yes
Calculation function (with formula):	Yes
Digimatic data output:	Yes
Digimatic S1 Bidirectional interface:	Yes
Analog bar resolution selection:	Yes
Auto Power OFF setting:	Yes
Analog bar resolution switchable:	Yes
Customizing keys:	Yes
Inch/Metric switchable:	Yes
Calibration warning function:	Yes

Digital step switchable:	Yes
Mass:	275 g

Dimensions



Accessories

Optional accessories:	
	Digimatic Cable, Straight, 1m Digimatic/Digimatic 2/Digimatic S1 Interface Art No. 06AGL011 Suggested retail price: 79.00 €*
	Digimatic Cable, Straight, 2m Digimatic/Digimatic 2/Digimatic S1 Interface Art No. 06AGL021 Suggested retail price: 84.00 €*
	USB Input Tool Direct (Digimatic to USB) 2m Cable, Digimatic/Digimatic 2/Digimatic S1 Interface Art No. 06AGQ001F Suggested retail price: 164.00 €*

**U-WAVE fit, Buzzer Type**

Wireless Transmitter for
Micrometer/Indicator
Art No. 264-623
Suggested retail price: 185.00 €*

**U-WAVE fit, IP67 Type**

Wireless Transmitter for
Micrometer/Indicator
Art No. 264-622
Suggested retail price: 185.00 €*

**U-WAVE fit Bluetooth, Buzzer Type**

Wireless Transmitter for
Micrometer/Indicator
Art No. 264-627
Suggested retail price: 185.00 €*

**U-WAVE fit Bluetooth, IP67 Type**

Wireless Transmitter for
Micrometer/Indicator
Art No. 264-626
Suggested retail price: 185.00 €*



U-WAVE fit Transmitter Mounting Plate

for ID-C, ID-S and ID-F Digital Indicator
Art No. 02AZF670
Suggested retail price: **47.00 €***



Connection Unit for ID-C Indicator

12,7mm/0,5" Type, U-WAVE fit, U-WAVE fit
Bluetooth for Digimatic S1 Interface
Art No. 02AZF700
Suggested retail price: **124.00 €***

Standard accessories:



Spindle Lifting Lever

for S-Type Serie 2,3,4 up to 10mm/0,4"
Art No. 21AZB149
Price on application

Spare parts

Consumable spares:



Lithium battery CR-2032

1 pcs.

Art No. 05SAA217D

Suggested retail price: 10.00 €*