

ABSOLUTE Digimatic Thickness Gauges



Series 547

This ABSOLUTE Digimatic Thickness Gauge 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.

Functions	Series 547
DATA/HOLD	●
PRESET	●
Digimatic data output	●
ON/OFF	●
Function lock	●
GO/±NG judgement	●
ABS / INC (INC ZERO)	●
Calculation function (with formula)	●
Counting direction switchable	●
Digimatic S1 Bidirectional interface	●
Analog bar resolution selection	●
Auto Power OFF setting	●
Analog bar resolution switchable	●
Customizing keys	●
Inch/Metric switchable	●
Calibration warning function	●
Digital step switchable	●

Specifications

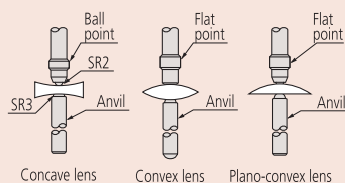
Alarm	Low voltage, counting value composition error, overflow error, tolerance limit setting error (ID-C only)
Power supply	1 battery CR-2032
Battery life	Continuous use: approx. 2700h

Optional accessories

No.	Description
06AGL011	Digimatic Cable, Straight, 1m, Digimatic/Digimatic 2/Digimatic S1 Interface
06AGL021	Digimatic Cable, Straight, 2m, Digimatic/Digimatic 2/Digimatic S1 Interface
06AGQ001F	USB Input Tool Direct, Indicator Type, 2m Cable, Digimatic/Digimatic 2/Digimatic S1 Interface
264-623	U-WAVE fit, Buzzer Type (not IP rated), Wireless Transmitter for Micrometer
264-622	U-WAVE fit, IP67 Type, Wireless Transmitter for Micrometer
264-627	U-WAVE fit Bluetooth, Buzzer Type (not IP rated), Wireless Transmitter for Micrometer
264-626	U-WAVE fit Bluetooth, IP67 Type, Wireless Transmitter for Micrometer
02AZF700	Connection Unit Indicator, 12,7mm/0,5" Type, U-WAVE fit, U-WAVE fit Bluetooth

Consumable spares

No.	Description
05SAA217D	Lithium battery CR-2032, 1 pcs.
21EZA198	Spindle Lifting Lever, for Digital Indicator, A-Type Dial Indicator Series 2/3/4



only for 547-313A



547-301A

547-321A



547-313A



547-315A

Metric

No.	Range [mm]	Digital step	Accuracy	Parallelism	Protection	Indicator No.	Max. measuring depth
547-301A	0 - 10	0,01 mm	±20 µm	10 µm	IP42	543-710BS	30 mm
547-321A	0 - 10	0,01 mm	±20 µm	10 µm	IP42	543-710BS	120 mm
547-313A	0 - 10	0,01 mm	±20 µm	10 µm	IP42	543-710BS	30 mm
547-315A	0 - 10	0,01 mm	±20 µm	10 µm	IP42	543-710BS	30 mm

No.	Measuring force [N]	Type	Mass [g]
547-301A	≤ 1,5	Ceramic disc contact points	245
547-321A	≤ 1,5	Ceramic disc contact points and large jaw capacity	385
547-313A	≤ 1,5	Anvils and contact points are interchangeable	265
547-315A	≤ 1,5	Blade steel contact point	260

