

ABSOLUTE Digimatic Thickness Gauge

ABSOLUTE[®]
IP42

Series 547



Functions	Series 547
ZERO/ABS	●
GO/±NG judgement	●
Digimatic data output	●
ON/OFF	●
DATA/HOLD	●
Lock function	●
PRESET	●
Counting direction switchable	●
Calculation function	●

Specifications

Accuracy	±20 µm (excluding quantizing error)
Measuring force	≤ 1,5 N
Scale	Capacitance type ABSOLUTE linear encoder
Parallelism	10 µm
Max. response speed	Unlimited
Contact point	M 2,5 x 0,45 mm (ISO/JIS type)
Alarm	Low voltage, counting value composition error, overflow error, tolerance limit setting error (ID-C only)
Power supply	1 battery SR-44
Battery life	approx. 7.000 hours

Optional accessories

No.	Description
905338	Digimatic cable (1 m)
905409	Digimatic cable (2 m)
06ADV380F	USB Input Tool Direct cable (2 m)
02AZD790F	Connecting cable U-Wave

Consumable spares

No.	Description
938882	Battery SR44
21EZA198	Spindle lifting lever (12,7 model)



Metric

With indicator ID-C No. 543-400BS

No.	Range [mm]	Digital step	Max. measuring depth [mm]	Type	Mass [g]
547-301	0-10	0,01 mm	30	Ceramic disc contact points	255
547-321	0-10	0,01 mm	120	Ceramic disc contact points and large jaw capacity	425
547-313	0-10	0,01 mm	30	Adjustable anvil ¹	275
547-315	0-10	0,01 mm	30	Blade steel contact point	270

