

ABSOLUTE Digimatic Indicators ID-SX

Series 543

This is a standard model of indicator that is reliable and easy to use. The ABSOLUTE Digimatic Indicator ID-S offers you the following benefits:

- The ABSOLUTE sensor means you don't have to carry out origin setting every time you power it on, saving you time and hassle.
- You can access all functions by using the large, user-friendly buttons on the front of the indicator.
- Large character height of 9 mm provides good readability.
- Exceptional battery life.



543-781B-10

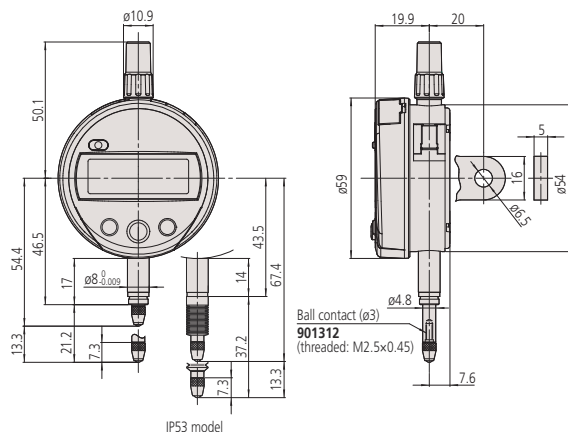
543-790B-10

543-794B-10

Metric

No.	Range [mm]	Digital step	Max. Permissible Error E MPE	H MPE (Hysteresis)	R MPE (Repeatability)	Measuring force MPL	Protection	Mass [g]
543-781B-10	12,7	0,01 mm	0,02 mm	0,02 mm	0,01 mm	≤1,5 N	IP42	140
543-781-10	12,7	0,01 mm	0,02 mm	0,02 mm	0,01 mm	≤1,5 N	IP42	150
543-790B-10	12,7	0,001 mm	0,003 mm	0,002 mm	0,002 mm	≤1,5 N	IP42	140
543-790-10	12,7	0,001 mm	0,003 mm	0,002 mm	0,002 mm	≤1,5 N	IP42	150
543-794B-10	12,7	0,001 mm	0,003 mm	0,002 mm	0,002 mm	≤2,5 N	IP53	140
543-794-10	12,7	0,001 mm	0,003 mm	0,002 mm	0,002 mm	≤2,5 N	IP53	150

No. with "B": flat back plate



IP53 model

ABSOLUTE®



IP53

IP42

Functions	Series 543
Digimatic data output	●
ON/OFF	●
ORIGIN (ABS-Zero)	●
Counting direction switchable	●

Specifications

Display	LCD, character height 9 mm
Max. response speed	Unlimited
Alarm	Low voltage, counting value composition error
Stem Ø	8 mm
Contact point	Carbide ball, thread M 2,5 x 0,45 mm
Power supply	1 battery SR-44
Battery life	Approx. 18000 hours (0,001 mm type), approx. 20000 hours (0,01 mm type)

Optional accessories

No.	Description
905338	Digimatic Cable, Flat Straight Type, 1m
905409	Digimatic Cable, Flat Straight Type, 2m
06AFM380F	USB Input Tool Direct (Digimatic USB), Digi/Digi2, Flat Straight Type
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
02AZF670	U-WAVE fit Transmitter Mounting Plate, for ID-C, ID-S and ID-F Digital Indicator
02AZD790F	U-WAVE-T Connection Cable F, Flat Straight Type
21JZA295	Spindle Lifting Cable, for Indicator, L=500 mm
21EZA198	Spindle Lifting Lever, for Digital Indicator, A-Type Dial Indicator Series 2/3/4
21EZA105	Spindle Lifting Knob, for 12,7mm Range
903594	Air Drive Unit, Indicator/Linear Gauge, for ID-S, ID-C, LGS, 12,7 mm and 0,5" Range
238774	Silicon rubber boot for ID-C, ID-N, ID-S

For USB Input Tool Direct cable: a footswitch (no. 937179T), a USB-footswitch adapter (no. 06ADV384) and USB-ITPAK Software (no. 06AGR543) are required. 238774 for IP53 model only

Consumable spares

No.	Description
938882	Battery SR44 1,5 V
901312	Contact Element Ball Point, M2,5x0,45, 7,3 mm Length, Carbide, Metric
21EAA423	NBR Rubber Boot, Digital Gauge Series 543

21EAA423 for IP53 model only



21EZA198