

ABSOLUTE Digimatic Solar Indicators ID-SS

ABSOLUTE[®]
SOLAR



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

Specifications

Accuracy	Refer to the list of specifications (excluding quantizing error)
Display	LCD character height 9 mm
Max. response speed	Unlimited
Alarm	Counting value composition error
Contact point	Carbide ball, thread M 2,5 x 0,45 mm
Power supply	Solar cell usable from 40 Lux illumination

Optional accessories

No.	Description
905338	Digimatic Cable, Flat Straight Type, 1m
905409	Digimatic Cable, Flat Straight Type, 2m
02AZD880G	U-WAVE-T, Buzzer Type, Wireless Transmitter
02AZD730G	U-WAVE-T, IP67 Type, Wireless Transmitter
02AZD790F	U-WAVE-T Connection Cable F, Flat Straight Type
06AFM380F	USB Input Tool Direct (Digimatic USB), Digi/Digi2, Flat Straight Type
21EZA198	Spindle Lifting Lever, for 12,7mm Range
21JZA295	Spindle Lifting Cable, for Indicator, L=500mm
21EZA105	Spindle Lifting Knob, for 12,5mm, Metric
02AZF670	U-WAVE Transmitter Mounting Plate, for ID-C and ID-S Digital Indicator

For USB Input Tool Direct cable: a footswitch (no. 937179T), a USB-footswitch adapter (no. 06ADV384) and USB-ITPAK Software (no. 06AEN846) are required.

Consumable spares

No.	Description
901312	Contact Element Ball Point, 7,3mm Length, Carbide, Metric

Illuminance

2000 Lux engraving invisible mending
1500 Lux dockmacker electronic workshop
750-1000 Lux technical drawing precision mechanic work
500 Lux bureau
200-300 Lux working with manufacturing machines
150 Lux passages with vehicles loading zone
100 Lux lunch room, passages
50 Lux warehouse storage room

Series 543

This solar-powered, standard model is environmentally friendly and very easy to use.

The ABSOLUTE Digimatic Solar Indicator ID-SS 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.
- There's no battery to change.
- The solar cell is operates from just 40 Lux.
- Super-capacitor charge storage enables you to work in low-level lighting conditions of less than 40 Lux.
- 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.



543-500B



543-505B

Metric

No.	No. Lug back plate	Range	Digital step	Maximum Permissible Error E MPE	H MPE (Hysteresis)	R MPE (Repeatability)	Type	Measuring force [N]	Protection	Mass lug/plain [g]
543-500B	543-500	12,7 mm	0,001 mm	0,003 mm	0,002 mm	0,002 mm	EN ISO Standard	≤ 1,5	IP42	150/140
543-505B	543-505	12,7 mm	0,01 mm	0,02 mm	0,02 mm	0,01 mm	EN ISO Standard	≤ 1,5	IP42	150/140

No. with "B": Flat back plate

