

Technical Data

Display:	LCD, 8.5 mm character height
Scale type:	ABSOLUTE electrostatic linear encoder
Max. response speed:	Unlimited (measurement by scanning can not be performed)
Stem dia:	8 mm
Standard contact point:	901312
Battery:	SR44 (1 pc.) 938882
Battery life:	Approx. 20,000 hours under normal use
Dust/water protection level:	IP42

Functions

Origin-set (Zero set), Counting direction switching, Power ON/OFF, Data output, inch/mm reading
Alarm: Low voltage, Counting value composition error

Optional Accessories

905338:	SPC data cable (1 m) £32.90
905409:	SPC data cable (2 m) £36.80
02AZD790F:	SPC data cable for U-WAVE-T (160 mm) £52.20
02AZE140F:	SPC data cable for U-WAVE-T and footswitch (160/500 mm) £107.00
264-504-5E:	Digimatic Mini-Processor DP-1VR £342.00
903424:	Plunger lifting lever £3.40
540774:	Plunger lifting cable (stroke: 25.4 mm) £20.50
02ACB610:	Post-type back £14.10
02ACB630:	Adjustable back £14.10
02ACB640:	Offset-lug back £14.10
02ACB650:	Magnetic back £26.30
02ACB670:	Screw-mount back £14.10
02ACB680:	Adjustable-bracket back £41.60

Contact points for Mitutoyo's dial indicators (refer to pages F-37 to F-40 for details)

Measuring stands (refer to pages F-70 to F-73 for details)

SERIES 543 – ABSOLUTE Digimatic Economical Indicator ID-S

- Cost-effective and user-friendly type which is equipped with the basic functions necessary.
- Dust/water protection level: IP42
- The ABSOLUTE sensor restores the last origin position automatically when the indicator is turned on. It also realizes high reliability by eliminating over-speed errors.
- Battery life of 20,000 hours in continuous use has been achieved.
- Easy-to-read large LCD readout with a character height of 8.5 mm.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems.

ABSOLUTE

IP42



543-782

SPECIFICATIONS

Inch/Metric					
Code No.	Range	Resolution	Accuracy	Measuring force	Price
543-782	.5" / 12.7 mm	.00005" / 0.001 mm	.0008" / 0.02 mm	2.0N or less	£102.00

* Quantizing error of ± 1 count is excluded.

DIMENSIONS

