

Digimatic Indicators

SERIES 543 – ABSOLUTE Digimatic Slim Body Economical Indicator ID-U

- General purpose indicator with the measuring range of 25.4 mm / 1".
- Cost-effective and user-friendly type which is equipped with the basic functions necessary.
- The ABSOLUTE sensor restores the last origin position automatically when the indicator is turned on, and 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 mm.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems.

ABSOLUTE

IP42



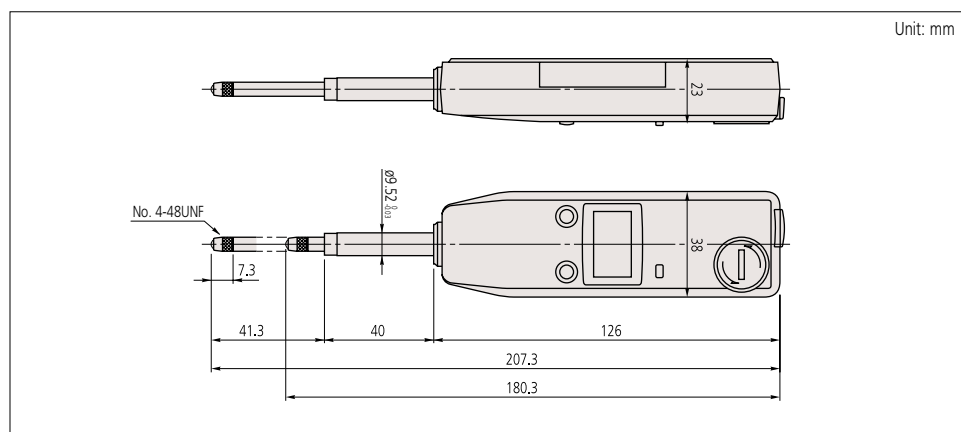
575-123

SPECIFICATIONS

Inch/Metric					
Code No.	Range	Resolution	Accuracy*	Measuring force	Price
575-123	1" / 25.4 mm	.0005" / 0.01 mm	.0008" / 0.02 mm	1.8N or less	£137.00

* Quantizing error of ± 1 count is excluded.

DIMENSIONS



Unit: mm

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:	3/8"
Standard contact point:	21BZB005
Battery:	SR44 (1 pc.) 938882
Battery life:	Approx. 20,000 hours under normal use
Lifting lever:	137693
Dust/water protection level:	IP42

Functions

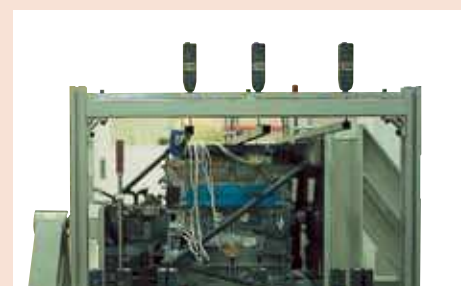
Origin-set (Zero set), Counting direction switching, Power ON/OFF, Data output, inch/mm reading
Alarm: Low voltage, Counting value composition error

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
540774:	Plunger lifting cable (stroke: 10 mm)	£20.50

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)



Application example