

PRODUCT INFORMATION

Features, Technical Data, Optional Accessories and Specifications

ABSOLUTE Digimatic Indicator ID-U Series 575-with Slim and Simple Design

Series 575

FEATURES

- Slim type digital indicator with low price.
- Large LCD and simple key operation.
- After the initial origin setting, the ID-U no longer needs absolute positioning over the entire battery life; the origin is remembered even after power-off.
- Ideal for installation into measuring devices because of its compact design and long battery life.
- Employing the ABSOLUTE linear encoder, the ID-U always displays the spindle "Absolute Position" from the origin at power-on. Also unlimited response speed eliminates over-speed errors.
- Flat back type only no option for backs.
- SPC data output.

Technical Data

Accuracy: Refer to the list of specifications.

Resolution: 0.01mm or .0005"/0.01mm

Display: LCD

Length standard: ABSOLUTE electrostatic capacitance type linear encoder

Max. response speed: Unlimited

Measuring force: Refer to the list of specifications

Battery: SR44 (1 pc.), **938882**

Battery life: Approx. 20,000 hours under normal use

Dust/Water protection level: IP42

Function

Origin-set, Zero-set, Counting direction switching, Power ON/OFF, Data output, inch/mm conversion (on inch/metric models only)

Alarm: Low voltage, Counting value composition error, Over-flow error

Optional Accessories

905338: SPC cable (40" / 1m)

905409: SPC cable (80" / 2m)

540774: Spindle lifting cable (stroke: .4" / 10mm)



Dimensions

[Parts Break Down](#)

Inch/Metric		Metric								
Order No	Image	Model	Range	Resolution	Accuracy	Measuring Force	Stem Diameter	Remarks		
575-122		ID-U1025M	0-1in 0-25.4mm	.0005in 0.01mm	.0008in	1.8N or less	5/16in	M2.5x0.45 Thread ISO/JIS type		
575-123		ID-U1025E	0-1in 0-25.4mm	.0005in 0.01mm	.0008in	1.8N or less	3/8in	No.4-48 UNF Thread ANSI/AGD type		



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