



(Refer to the page 9 for details.)

Technical Data

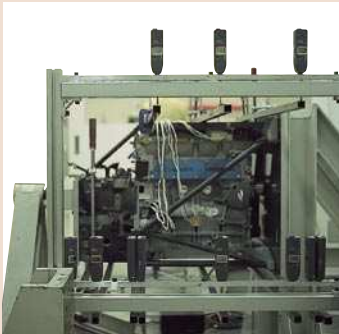
Accuracy: Refer to the list of specifications (excluding quantizing error)
 Resolution: 0.01mm or .0005"/0.01mm,
 Display: LCD
 Length standard: ABSOLUTE electrostatic capacitance type linear encoder
 Max. response speed: Unlimited
 Measuring force: Refer to the list of specifications
 Stem dia.: 8mm (ISO/JIS type) or 3/8" (ANSI/AGD type)
 Contact point: Carbide ball with M2.5x0.45 (ISO/JIS type) Carbide ball with #4-48UNF (ANSI/AGD type)
 Battery: SR44 (1 pc.), **938882**
 Battery life: Approx. 20,000 hours under normal use
 Dust/Water protection level: IP42

Function

Origin-set, Zeroset, Counting direction switching, Power ON/OFF, Data output, inch/mm conversion (inch/mm models)
 Alarm: Low voltage, Counting value composition error, Over-flow error

Optional Accessory

905338: SPC cable (1m)
905409: SPC cable (2m)
540774: Spindle lifting cable (stroke: 10mm)
 —: Contact points (See page 264.)



Application example

ABSOLUTE Digimatic Indicator ID-U

SERIES 575 — with Slime and Economical Design

FEATURES

- Slim type digital indicator with low price.
- Large LCD and simple key operation.
- The ID-U displays the absolute position of the spindle from the origin point at power-on.
- 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.
- The ABSOLUTE Encoder eliminates spindle over-speed error and prevents electrical noise interference errors.
- SPC data output.



575-121
IP42

SPECIFICATIONS

Metric		ISO/JIS type		ANSI/AGD type		
Resolution	Order No. (w/ lug, flat-back)	Range	Accuracy	Measuring force	Remarks	
0.01mm	—	575-121	25.4mm	0.02mm	1.8N or less	—

Inch/Metric		ISO/JIS type		ANSI/AGD type		
Resolution	Order No. (w/ lug, flat-back)	Range	Accuracy	Measuring force	Remarks	
.0005"/0.01mm	—	575-122	1"	.0008"	1.8N or less	—
.0005"/0.01mm	—	575-123	1"	.0008"	1.8N or less	—

DIMENSION

