



ABSOLUTE Digimatic Indicator ID-U SERIES 575 — Slim and Economical Design

- General-purpose slim indicator with a measuring range of 25.4 mm and a resolution of 0.01 mm.
- Cost-effective and user-friendly type with basic functions.
- The ABS (absolute) scale restores the last origin position* automatically when the indicator is turned on, and realizes high reliability by eliminating over-speed errors.
- Battery life: approx. 20,000 hours in continuous use.
- 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. (Refer to page A-3)

* Refer to "Origin Setting of Digimatic Indicators" on page F-25.



575-121

SPECIFICATIONS

ISO/JIS type ASME/ANSI/AGD type

Order No.	Range (mm)	Resolution (mm)	Maximum permissible error (mm)			Measuring force MPL (N)
			MPE _E * [†]	Hysteresis MPE _H	Repeatability MPE _R	
575-121	25.4	0.01	0.02	0.02	0.01	1.8 or less

Order No.	Range	Resolution	Maximum permissible error			Measuring force MPL (N)
			MPE _E * [†]	Hysteresis MPE _H	Repeatability MPE _R	
575-122	1 in/	0.0005 in/	±0.001 in/0.02 mm	0.001 in/ 0.02 mm	0.0005 in/ 0.01 mm	1.8 or less
575-123	25.4 mm	0.01 mm				

* Error of indication for the total measuring range

Technical Data

- Display: 5-digit LCD, sign
 - Battery: SR44 (1 pc.), **938882** for initial operational checks (standard accessory)
 - Battery life: Approx. 20,000 hours of continuous use. Approx. 5 years under normal use.
- Note: It varies depending on use frequency and method. Please take the values as rough indications.
- Lifting lever: **21EAA426** (standard accessory)

Function

- Origin set (Zero-setting)
- Measuring direction switching
- Data output
- Low battery voltage alarm display
- Error alarm display

Optional Accessories

- Spindle lifting cable (stroke: 10 mm): **21JZA295**
 - Contact points for Mitutoyo's digimatic indicators (Refer to pages F-57 to F-60 for details.)
 - SPC Cable:
 - 905338** (1 m)
 - 905409** (2 m)
 - USB Input Tool Direct (2 m): **06AFM380F**
- Note: Please separately purchase **USB-ITPAK** since there is no data output switch on the measurement instrument.
- Input Tool Series
 - IT-020U** (USB Keyboard Signal Conversion Type): **264-020**
 - IT-007R** (RS-232C Communication Conversion Type): **264-007**
 - Connecting Cables for **U-WAVE-T** (160 mm): **02AZD790F**
 - For foot switch: **02AZE140F**
 - Digimatic Mini-Processor **DP-1VA LOGGER**: **264-505**
 - Measuring stands (Refer to pages F-84 to F-91 for details.)

DIMENSIONS

