

Digital Indicator ID-U

Item number: 575-121

Images



ABSOLUTE[®]



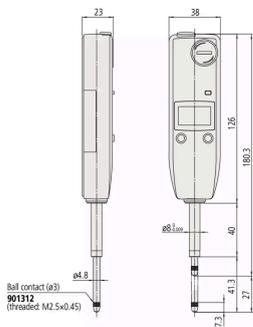
Description

An economical, slim-style Mitutoyo digital indicator with an extremely long battery life suited to installation in measuring jigs where access may be restricted. ABSOLUTE System scale for error free, high-speed measurement. SPC data output.

Features

| | |
|--|--|
| Model: | ID-U1025 |
| Digital/Analog: | Digital |
| Inch-Metric: | Metric |
| Range: | 25.4 mm |
| Digital step: | 0.01 mm |
| Max. Permissible Error E MPE (Total Range): | 0.02 mm |
| Delivered: | In a box with SR44 battery and spindle lifting handle 137693 |
| H MPE (Hysteresis): | 0.02 mm |
| R MPE (Repeatability): | 0.01 mm |
| Measuring force MPL: | ≤1.8 N |
| Protection: | IP42 |
| Type: | EN ISO Standard |
| Data output: | Yes |
| Display: | LCD, character height 8.5 mm |
| Max. response speed: | Unlimited |
| Alarm: | Low voltage, sensor error, ABS data composition error |
| Stem \varnothing: | 8 mm |
| Contact point: | Carbide ball, thread: M2.5x0.45 |
| Power supply: | 1 battery SR44 |
| Battery life: | Approx. 20000 hours |
| Digital Scale: | Electrostatic capacitance type absolute linear encoder |
| Remarks: | This digital indicator has data output but no integrated data button so for USB Input Tool Direct Cable (see optional accessory) the USB-ITPAK Software is required. |
| ON/OFF: | Yes |
| Counting direction switchable: | Yes |
| ORIGIN (ABS-Zero): | Yes |
| Mass: | 140 g |

Dimensions



Accessories

Optional accessories:



Spindle Lifting Cable with Auto Stop

for Indicator, L=300mm
Art No. 21JZA301
Price on application



Spindle Lifting Cable

for Indicator, L=500mm
Art No. 21JZA295
Price on application



Connection Cable F for U-WAVE

Straight, without Data Button
Art No. 02AZD790F
Suggested retail price: 98.00 €*



USB Input Tool Direct (Digimatic to USB)

2m Cable, Digimatic/Digimatic 2, Flat Straight Type
Art No. 06AFM380F
Suggested retail price: 124.00 €*



Digimatic Cable, Flat Straight Type

1m
Art No. 905338
Suggested retail price: 37.00 €*



Digimatic Cable, Flat Straight Type

2m
Art No. 905409
Suggested retail price: 44.00 €*



USB Input Tool Interface Box

Digimatic/Digimatic 2/Digimatic S1 Interface
Art No. 264-020
Suggested retail price: 259.00 €*



U-WAVE-T, IP67 Type

Wireless Transmitter
Art No. 02AZD730G
Suggested retail price: 187.00 €*



U-WAVE-T, Buzzer Type

Wireless Transmitter
Art No. 02AZD880G
Suggested retail price: 187.00 €*

Standard accessories:



Spindle Lifting Handle

for Indicators
Art No. 21EAA426
Suggested retail price: 1.90 €*

Spare parts

Consumable spares:



Contact Element Ball Point, M2,5x0,45

7,3mm Length, Carbide, Metric
Art No. 901312
Suggested retail price: 5.00 €*



Battery SR44 1,5 V

Art No. 938882
Suggested retail price: 7.00 €*
