

Digital Indicator ID-U, ANSI/AGD

Item number: 575-123

Images



ABSOLUTE®



IP42

Description

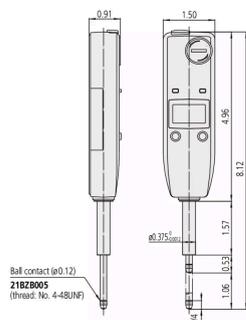
An economical, slim-style Mitutoyo digital indicator with a long battery life suited to installation in measuring jigs. ABSOLUTE System scale for error free, high-speed measurement. SPC data output.

Features

Model:	ID-U1025E
Digital/Analog:	Digital
Inch-Metric:	Inch/Metric
Range:	1"/25.4 mm
Digital step:	0.0005"/0.01 mm
Max. Permissible Error E MPE (Total Range):	±0.001"/0.02 mm
Delivered:	In a box with SR44 battery and spindle lifting handle 137693
H MPE (Hysteresis):	0.001"/0.02 mm

R MPE (Repeatability):	0.0005"/0.01 mm
Measuring force MPL:	≤1.8 N
Protection:	IP42
Type:	ASME/ANSI/AGD Standard
Measuring force:	≤ 1,5 N
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:	9.52 mm
Contact point:	Carbide ball, thread: No.4-48UNF
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
Inch/Metric switchable:	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, 4-48UNF

1/4" Length, Carbide, Inch
Art No. 21BZB005
Suggested retail price: 13.30 €*
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Battery SR44 1,5 V

Art No. 938882
Suggested retail price: 7.00 €*
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