

## Digital Indicator ID-B, IP66, ANSI/AGD

Item number: 543-581

### Images



Safety  
Dust- and  
Water-  
Protected

www.tuv.com  
ID 000007162

# ABSOLUTE®

# IP66



### Description

A Mitutoyo dustproof, waterproof, back-plunger type digital indicator suitable for use in the presence of coolant or cutting oil. ABSOLUTE System scale for error free, high-

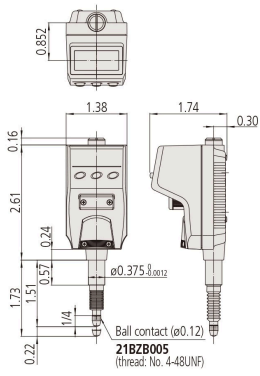
speed measurement. Functionality includes switchable resolution, tolerance judgement, data hold and readout rotation. SPC data output.

## Features

<b>Model:</b>	ID-B1005E
<b>Digital/Analog:</b>	Digital
<b>Inch-Metric:</b>	Inch/Metric
<b>Functions:</b>	ANSI/AGD type
<b>Range:</b>	0.2"/5.08 mm
<b>Digital step:</b>	0.0005"/0.01 mm
<b>Max. Permissible Error E MPE (Total Range):</b>	±0.001"/0.,2 mm
<b>Delivered:</b>	Including SR44 battery, certificate of inspection
<b>Resolution:</b>	0.0005 inch / 0.01 mm
<b>H MPE (Hysteresis):</b>	0.001"/0.02 mm
<b>R MPE (Repeatability):</b>	0.0005"/0.01 mm
<b>Measuring force MPL:</b>	≤2 N
<b>Protection:</b>	IP66
<b>Type:</b>	ASME/ANSI/AGD Standard
<b>Measuring force:</b>	≤2 N N
<b>Data output:</b>	Yes
<b>Display:</b>	LCD, character height: 6.2 mm
<b>Max. response speed:</b>	Unlimited
<b>Alarm:</b>	Low voltage, counting value composition error, overflow error, tolerance limit setting error
<b>Stem ∅:</b>	9.52 mm
<b>Contact point:</b>	Carbide ball, thread: No.4-48UNF
<b>Power supply:</b>	1 battery SR44
<b>Battery life:</b>	Approx. 7000 hours
<b>Digital Scale:</b>	Electrostatic capacitance type absolute linear encoder
<b>ON/OFF:</b>	Yes
<b>GO/±NG judgement:</b>	Yes
<b>DATA/HOLD:</b>	Yes
<b>Counting direction switchable:</b>	Yes
<b>External PRESET / ZERO:</b>	Yes
<b>Inch/Metric switchable:</b>	Yes
<b>Mass:</b>	130 g

## Dimensions

**Remarks:** Center-lug back shown is optional



## Accessories

### Optional accessories:

#### Silicon Rubber Boot

for ID-B, Series 1/2

Art No. 21EAA212

Suggested retail price: 17.00 €\*  


#### Back Plate with Center Lug AGD Type

for ID-N/ID-B Indicator

Art No. 21EZA146

Suggested retail price: 25.50 €\*  


#### Connection Cable G for U- WAVE

for IP66 Indicators ID-N and ID-B

Art No. 02AZD790G

Suggested retail price: 105.00 €\*  




### **USB Input Tool Direct (Digimatic to USB)**

2m Cable, Digimatic/Digimatic 2, Flat Straight  
for ID-N/ID-B

Art No. 06AFM380G

Suggested retail price: 124.00 €\*  

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### **Digimatic Cable for ID-N/ ID-B 1m**

Art No. 21EAA194

Suggested retail price: 66.00 €\*  

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### **Digimatic Cable for ID-N/ ID-B 2m**

Art No. 21EAA190

Suggested retail price: 76.00 €\*  

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### **Digimatic Cable for External Preset/Zero**

1 m, ID-N/ID-B Indicator

Art No. 21EAA210

Suggested retail price: 191.00 €\*  

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### **Digimatic Cable for External Preset/Zero**

2 m, ID-N/ID-B Indicator

Art No. 21EAA211

Suggested retail price: 217.00 €\*  

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### 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 €\*

## Spare parts

Consumable spares:



### Contact Element Ball Point, 4-48UNF

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



### **Battery SR44 1,5 V**

Art No. 938882

Suggested retail price: 7.00 €\*  

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### **NBR Rubber Boot**

Digital Gauge ID-B, Dial Gauge IP63/IP64

Art No. 21AAB562

Suggested retail price: 7.00 €\*  

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