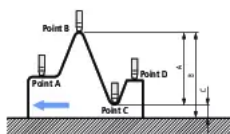




## Digital Indicator Peak Hold, ANSI / AGD

Item number: 543-302

### Images



# ABSOLUTE<sup>®</sup>



### Description

This indicator is the MAX/MIN/RANGE value holding function model

It offers the following benefits:

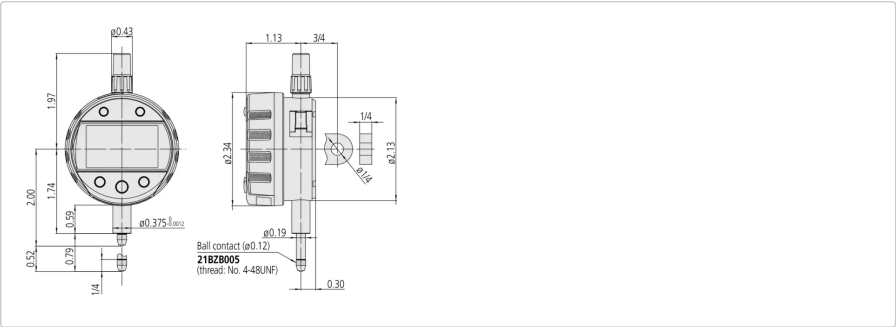
- The MAX/MIN/RANGE (run-out value) can be measured.
- A fast measurement frequency mode(detection cycle 20 ms or 50 times/s) is selectable to measure in the peak detection mode (MAX/MIN/RANGE) more reliably.
- Easy indicator setup via a setup menu.
- Analogue bar graph in the display (12 different scales switchable).
- GO/±NG tolerance judgement function.
- This indicator enables the use of a calculation function for the measured value Ax.
- Coefficient A is freely definable and x = displacement of the plunger.
- A USB interface box can be used to set up the indicator from PC via dedicated software.

## Specification

|                                                        |                                                                                                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Digital/Analog:</b>                                 | Digital                                                                                                 |
| <b>Inch-Metric:</b>                                    | Inch/Metric                                                                                             |
| <b>Delivered:</b>                                      | Including CR2032 battery, certificate of inspection                                                     |
| <b>Range:</b>                                          | 0.5"/12.7 mm                                                                                            |
| <b>Digital step:</b>                                   | 0.00005"/0.0001"/0.0005"/0.001 mm/0.01 mm                                                               |
| <b>Max. Permissible Error<br/>E MPE (Total Range):</b> | ±0.0001"/0.003 mm                                                                                       |
| <b>H MPE (Hysteresis):</b>                             | 0.0001"/0.002 mm                                                                                        |
| <b>R MPE (Repeatability):</b>                          | 0.0001"/0.002 mm                                                                                        |
| <b>Measuring force MPL:</b>                            | ≤1.5 N                                                                                                  |
| <b>Protection:</b>                                     | IP42                                                                                                    |
| <b>Type:</b>                                           | ASME/ANSI/AGD Standard                                                                                  |
| <b>Mass:</b>                                           | 170 g                                                                                                   |
| <b>Measuring force:</b>                                | ≤ 1,5 N                                                                                                 |
| <b>Display:</b>                                        | LCD, character height 8 mm, 330° rotatable                                                              |
| <b>Max. response speed:</b>                            | Unlimited                                                                                               |
| <b>Measurement frequency<br/>(MAX/MIN/RANGE):</b>      | Standard mode: 10 times/s<br>fast mode: 50 times/s<br>(plunger speed max. 50 µm/s for peak measurement) |
| <b>Alarm:</b>                                          | Low voltage, ABS composition error, overflow error, setting error                                       |
| <b>Stem Ø:</b>                                         | 9.52 mm                                                                                                 |
| <b>Contact point:</b>                                  | Carbide ball, thread: No.4-48UNF                                                                        |
| <b>Power supply:</b>                                   | 1 battery CR2032                                                                                        |
| <b>Battery life:</b>                                   | Standard mode: approx. 1 year<br>fast mode: approx. 4.5 month                                           |
| <b>Digital Scale:</b>                                  | Electrostatic capacitance type absolute linear encoder                                                  |
| <b>ON/OFF:</b>                                         | Yes                                                                                                     |

|                                      |     |
|--------------------------------------|-----|
| ABS / INC (INC ZERO):                | Yes |
| PRESET 3x:                           | Yes |
| ABS/INC switchable:                  | Yes |
| Function lock:                       | Yes |
| GO/±NG judgement:                    | Yes |
| DATA/HOLD:                           | Yes |
| Counting direction switchable:       | Yes |
| Low voltage alarm:                   | Yes |
| Digital step switchable:             | Yes |
| MAX/MIN/RANGE:                       | Yes |
| Calculation function (with formula): | Yes |
| Digimatic data output:               | Yes |
| Analog bar resolution switchable:    | Yes |
| Fast measurement mode:               | Yes |
| Inch/Metric switchable:              | Yes |

Dimensions



Accessories

Optional accessories:



Spindle Lifting Knob

for 0,5", ANSI/AGD Type  
Art No. 21EZA150

**£19.44** inc. VAT  
**£16.20** ex. VAT



### Spindle Lifting Lever

for 12,7mm Range, ANSI/AGD Type  
Art No. 21EZA199  
**£5.80** ex. VAT



### USB Interface for PC Setup

ID-C Indicator  
Art No. 21EZA313  
**£698.40** inc. VAT  
**£582.00** ex. VAT



### Spindle Lifting Cable with Auto Stop

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



### Spindle Lifting Cable

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



### Connection Cable F for U-WAVE

Straight, without Data Button  
Art No. 02AZD790F  
**£88.32** inc. VAT  
**£73.60** ex. VAT



### U-WAVE fit, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-622

**£276.00** inc. VAT

£230.00 ex. VAT



### U-WAVE fit, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-623

**£276.00** inc. VAT

£230.00 ex. VAT



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

2m Cable, Digimatic/Digimatic 2, Flat  
Straight Type  
Art No. 06AFM380F

**£164.40** inc. VAT

£137.00 ex. VAT



### U-WAVE fit Transmitter Mounting Plate

for ID-C, ID-S and ID-F Digital Indicator  
Art No. 02AZF670

**£42.84** inc. VAT

£35.70 ex. VAT



### Digimatic Cable, Flat Straight Type

1m  
Art No. 905338  
**£48.36** inc. VAT  
**£40.30** ex. VAT



### Digimatic Cable, Flat Straight Type

2m  
Art No. 905409  
**£54.24** inc. VAT  
**£45.20** ex. VAT



### U-WAVE Transmitter Mounting Plate

Universal Type  
Art No. 02AZE200  
**£30.48** inc. VAT  
**£25.40** ex. VAT

Promotional



### U-WAVE-T, IP67 Type

Wireless Transmitter  
Art No. 02AZD730G  
Promo price: **£165.00** ex. VAT  
Promo price: **£198.00** inc. VAT  
Suggested retail price: ~~£230.00~~ ex. VAT

Promotional



### U-WAVE-T, Buzzer Type

Wireless Transmitter  
Art No. 02AZD880G  
Promo price: **£165.00** ex. VAT  
Promo price: **£198.00** inc. VAT  
Suggested retail price: ~~£230.00~~ ex. VAT

Promotion!



### U-WAVE fit Bluetooth, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-626

Promo price: **£165.00** ex. VAT

Promo price: **£198.00** inc. VAT

~~Suggested retail price: £230.00 ex. VAT~~

Promotion!



### U-WAVE fit Bluetooth, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-627

Promo price: **£165.00** ex. VAT

Promo price: **£198.00** inc. VAT

~~Suggested retail price: £230.00 ex. VAT~~

## Spare parts

### Consumable spares:



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

1/4" Length, Carbide, Inch

Art No. 21BZB005

**£8.60** ex. VAT



### Lithium battery CR-2032

1 pcs.

Art No. 05SAA217D

**£10.31** inc. VAT