



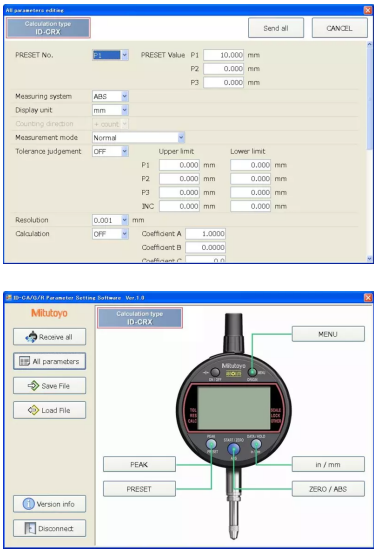
## Digital Indicator, Calculation ID-C

Item number: 543-592B-10

### Images







ABSOLUTE®



Description

- This indicator allows you to use a calculation function for the measured value  $Ax+B+Cx^{-1}$
- The integrated calculation formula is useful in a variety of applications (e.g. roll diameter measurement)
  - Coefficients A,B and C are freely definable. X = displacement of the plunger
  - Analogue bar graph in the display (14 different scales switchable)
  - GO/±NG tolerance judgement function
  - MAX/MIN/RANGE function to measure peak values
  - 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
  - A USB interface box can be used to set up the indicator from PC via dedicated software

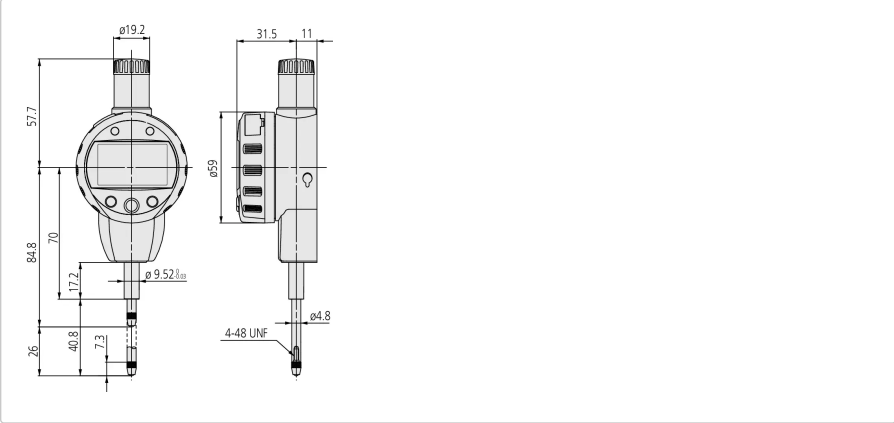
Specification

|                 |              |
|-----------------|--------------|
| Model:          | ID-C125REXB2 |
| Digital/Analog: | Digital      |
| Inch-Metric:    | Inch/Metric  |

|                                                        |                                                                                                         |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Delivered:</b>                                      | Including CR2032 battery, lifting handle, certificate of inspection                                     |
| <b>Range:</b>                                          | 1"/25.4 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>                            | ≤1.8 N                                                                                                  |
| <b>Protection:</b>                                     | IP42                                                                                                    |
| <b>Type:</b>                                           | ASME/ANSI/AGD Standard                                                                                  |
| <b>Mass:</b>                                           | 190 g                                                                                                   |
| <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>Remarks:</b>                                        | Digital step is switchable (12 steps)                                                                   |
| <b>ON/OFF:</b>                                         | Yes                                                                                                     |
| <b>ABS / INC (INC ZERO):</b>                           | Yes                                                                                                     |
| <b>PRESET 3x:</b>                                      | Yes                                                                                                     |
| <b>ABS/INC switchable:</b>                             | Yes                                                                                                     |
| <b>Function lock:</b>                                  | Yes                                                                                                     |
| <b>GO/±NG judgement:</b>                               | Yes                                                                                                     |
| <b>DATA/HOLD:</b>                                      | Yes                                                                                                     |
| <b>Counting direction switchable:</b>                  | Yes                                                                                                     |
| <b>Low voltage alarm:</b>                              | Yes                                                                                                     |
| <b>MAX/MIN/RANGE:</b>                                  | Yes                                                                                                     |
| <b>Calculation function (with formula):</b>            | Yes                                                                                                     |
| <b>Digimatic data output:</b>                          | Yes                                                                                                     |

|                                   |     |
|-----------------------------------|-----|
| Analog bar resolution switchable: | Yes |
| Fast measurement mode:            | Yes |
| Selectable resolution:            | Yes |
| Inch/Metric switchable:           | Yes |

Dimensions



Accessories

Optional accessories:



**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



### 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



### Digimatic Input Tool USB

HID/VCP Interface Digimatic/Digimatic2

Art No. 264-016-10

**£314.40** inc. VAT

**£262.00** ex. VAT

Promotion!



### 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-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~~



### 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

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



### Connection Cable F for U-WAVE

Straight, without Data Button  
Art No. 02AZD790F

**£88.32** inc. VAT

**£73.60** ex. VAT



### U-WAVE Transmitter Mounting Plate

Universal Type  
Art No. 02AZE200

**£30.48** inc. VAT

£25.40 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



### Spindle Lifting Cable

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



### Spindle Lifting Cable with Auto Stop

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



### Spindle Lifting Knob

for 25,4mm Range  
Art No. 21EZA197  
**£55.80** ex. VAT



### USB Interface for PC Setup

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

#### Standard accessories:



### Lifting Handle for Indicator

for Plunger  
Art No. 137693  
**£1.50** ex. VAT

#### Spare parts

##### Consumable spares:



### Lithium battery CR-2032

1 pcs.  
Art No. 05SAA217D  
**£10.31** inc. VAT



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

1/4" Length, Carbide, Inch

Art No. 21BZB005

£8.60 ex. VAT