

## Digital Indicator, Calculation

### ID-C

Item number: 543-595B-10

#### Images



# ABSOLUTE<sup>®</sup>



#### 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

## Features

<b>Model:</b>	ID-C150RXB2
<b>Digital/Analog:</b>	Digital
<b>Inch-Metric:</b>	Metric
<b>Delivered:</b>	Including CR2032 battery, lifting handle, certificate of inspection
<b>Range:</b>	50.8 mm
<b>Max. Permissible Error E MPE (Total Range):</b>	0.006 mm
<b>H MPE (Hysteresis):</b>	0.002 mm
<b>R MPE (Repeatability):</b>	0.002 mm
<b>Measuring force MPL:</b>	≤2.3 N
<b>Protection:</b>	IP42
<b>Type:</b>	EN ISO Standard
<b>Mass:</b>	260 g
<b>Display:</b>	LCD, character height 8 mm, 330° rotatable
<b>Max. response speed:</b>	Unlimited
<b>Measurement frequency (MAX/MIN/RANGE):</b>	Standard mode: 10 times/s fast mode: 50 times/s (plunger speed max. 50 μm/s for peak measurement)
<b>Alarm:</b>	Low voltage, ABS composition error, overflow error, setting error
<b>Stem ∅:</b>	8 mm
<b>Contact point:</b>	Carbide ball, thread: M2.5x0.45
<b>Power supply:</b>	1 battery CR2032
<b>Battery life:</b>	Standard mode: approx. 1 year 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



Promotion!



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

2m Cable, Digimatic/Digimatic 2, Flat  
Straight Type

Art No. 06AFM380F

Promo price: **98.90 €\***

Suggested retail price: ~~124.00 €\*~~



### Digimatic Input Tool USB

HID/VCP Interface Digimatic/Digimatic2

Art No. 264-016-10

Suggested retail price: **213.00 €\***

Promotion!



### U-WAVE-T, Buzzer Type

Wireless Transmitter

Art No. 02AZD880G

Promo price: **129.00 €\***

Suggested retail price: ~~187.00 €\*~~

Promotion!



### U-WAVE-T, IP67 Type

Wireless Transmitter

Art No. 02AZD730G

Promo price: **129.00 €\***

Suggested retail price: ~~187.00 €\*~~

Promotion!



### U-WAVE fit, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator

Art No. 264-622

Promo price: **129.00 €\***

Suggested retail price: ~~185.00 €\*~~

Promotion!



### U-WAVE fit, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator

Art No. 264-623

Promo price: **129.00 €\***

Suggested retail price: ~~185.00 €\*~~

Promotion!



### U-WAVE fit Bluetooth, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator

Art No. 264-626

Promo price: **139.00 €\***

Suggested retail price: ~~185.00 €\*~~

Promotion!



### U-WAVE fit Bluetooth, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator

Art No. 264-627

Promo price: **139.00 €\***

Suggested retail price: ~~185.00 €\*~~

Promotion!



### Connection Cable F for U-WAVE

Straight, without Data Button

Art No. 02AZD790F

Promo price: **63.90 €\***

Suggested retail price: ~~98.00 €\*~~



### U-WAVE Transmitter Mounting Plate

Universal Type

Art No. 02AZE200

Suggested retail price: **33.00 €\***



## U-WAVE fit Transmitter Mounting Plate

for ID-C, ID-S and ID-F Digital Indicator  
Art No. 02AZF670  
Suggested retail price: 47.00 €\*



## Spindle Lifting Cable

for Indicator, L=500mm  
Art No. 21JZA295  
[Price on application](#)



## Spindle Lifting Cable with Auto Stop

for Indicator, L=300mm  
Art No. 21JZA301  
[Price on application](#)



## Spindle Lifting Knob

for 50,8mm Range  
Art No. 21EZA200  
Suggested retail price: 89.00 €\*



## USB Interface for PC Setup

ID-C Indicator  
Art No. 21EZA313  
Suggested retail price: 599.00 €\*

## Roll Type Base



outside: 45-140mm / inside: 65-100mm  
Art No. 21FAJ395  
Suggested retail price: 720.00 €\*  

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## Angle Plate for Calc. ID-C



Radius: 25-70mm  
Art No. 21FAJ394  
Suggested retail price: 634.00 €\*  

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## Angle Plate for Calc. ID-C



Radius: 50-100mm  
Art No. K541281  
Suggested retail price: 1,000.00 €\*  

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## Angle Plate for Calc. ID-C



Radius: 100-200mm  
Art No. K541282  
Suggested retail price: 1,669.00 €\*  

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Standard accessories:

## Lifting Handle for Indicator



for Plunger  
Art No. 137693  
Price on application  

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## Spare parts

### Consumable spares:

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### Lithium battery CR-2032

1 pcs.  
Art No. 05SAA217D  
Suggested retail price: 10.00 €\*  

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### Contact Element Ball Point, M2,5x0,45

7,3mm Length, Carbide, Metric  
Art No. 901312  
Suggested retail price: 14.00 €\*  

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