



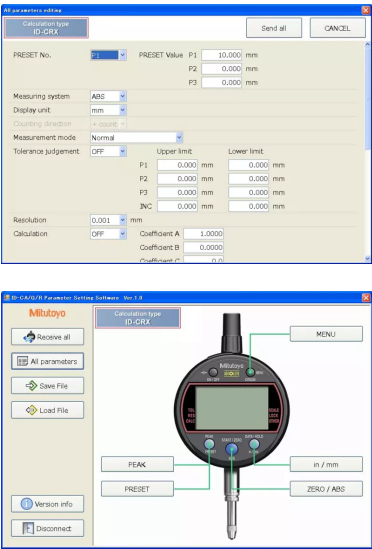
Digital Indicator, Calculation ID-C

Item number: 543-341B-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

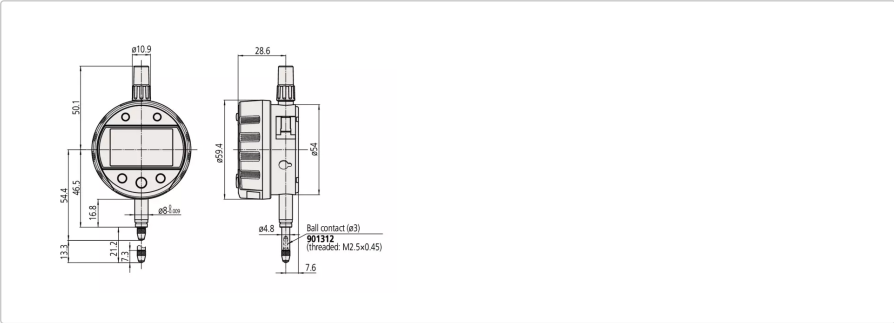
Specification

Model:	ID-C112RMB2
Digital/Analog:	Digital
Inch-Metric:	Inch/Metric

Delivered:	Including CR2032 battery, certificate of inspection
Range:	0.5"/12.7 mm
Max. Permissible Error E MPE (Total Range):	±0.0001"/0.003 mm
H MPE (Hysteresis):	0.0001"/0.002 mm
R MPE (Repeatability):	0.0001"/0.002 mm
Measuring force MPL:	≤1.5 N
Protection:	IP42
Type:	EN ISO Standard
Mass:	170 g
Display:	LCD, character height 8 mm, 330° rotatable
Max. response speed:	Unlimited
Measurement frequency (MAX/MIN/RANGE):	Standard mode: 10 times/s fast mode: 50 times/s (plunger speed max. 50 µm/s for peak measurement)
Alarm:	Low voltage, ABS composition error, overflow error, setting error
Stem Ø:	8 mm
Contact point:	Carbide ball, thread: M2.5x0.45
Power supply:	1 battery CR2032
Battery life:	Standard mode: approx. 1 year fast mode: approx. 4.5 month
Digital Scale:	Electrostatic capacitance type absolute linear encoder
Remarks:	Digital step is switchable (12 steps)
ON/OFF:	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
MAX/MIN/RANGE:	Yes
Calculation function (with formula):	Yes
Digimatic data output:	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 Lever

for Digital Indicator, A-Type Dial Indicator
Serie 2/3/4

Art No. 21EZA198

£7.70 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 12,7mm Range

Art No. 21EZA105

£19.44 inc. VAT

£16.20 ex. VAT

USB Interface for PC Setup



ID-C Indicator

Art No. 21EZA313

£698.40 inc. VAT

£582.00 ex. VAT

Roll Type Base



outside: 45-140mm / inside: 65-100mm

Art No. 21FAJ395

£904.80 inc. VAT

£754.00 ex. VAT

Angle Plate for Calc. ID-C



Radius: 25-70mm

Art No. 21FAJ394

£798.00 inc. VAT

£665.00 ex. VAT

Angle Plate for Calc. ID-C



Radius: 50-100mm

Art No. K541281

£1,280.00 ex. VAT



Angle Plate for Calc. ID-C

Radius: 100-200mm

Art No. K541282

£2,090.00 ex. VAT

Spare parts

Consumable spares:



Lithium battery CR-2032

1 pcs.

Art No. 05SAA217D

£10.31 inc. VAT



Contact Element Ball Point, M2,5x0,45

7,3mm Length, Carbide, Metric

Art No. 901312

£7.70 ex. VAT