



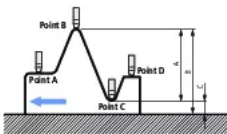
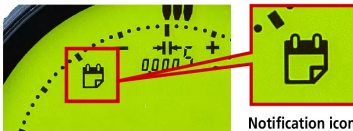
## Digital Indicator ID-F

Item number: 543-854E

### Images



New Model



**ABSOLUTE®**





## Description

This is a superior multifunction indicator.

The ABSOLUTE Digimatic Indicator ID-F offers you the following benefits:

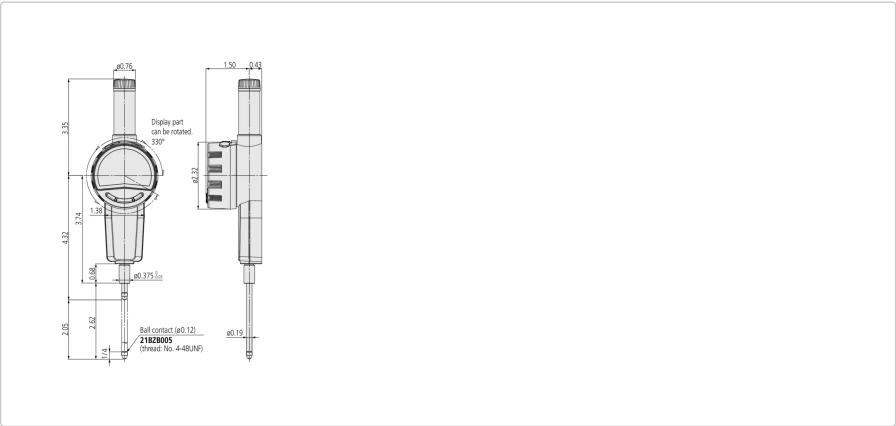
- Bidirectional Digimatic S1 interface
- Red/Green LCD backlight provides you with visual GO/±NG tolerance judgement
- Analogue bar-graph display
- MAX/MIN/RANGE (runout value) function with a frequency of 500 times/s
- External power supply via AC-Adapter
- High accuracy and 0,5 µm digital step

## Specification

|                                                        |                                                                         |
|--------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Model:</b>                                          | ID-F0550ENX                                                             |
| <b>Digital/Analog:</b>                                 | Digital                                                                 |
| <b>Inch-Metric:</b>                                    | Inch/Metric                                                             |
| <b>Delivered:</b>                                      | Including spindle lifting handle, AC-adapter, certificate of inspection |
| <b>Range:</b>                                          | 2"/50,8 mm                                                              |
| <b>Digital step:</b>                                   | 0.00002"/0.00005"/0.0001"/0.0005"/0.0005 mm/0.0001 mm/0.01 mm           |
| <b>Max. Permissible Error<br/>E MPE (Total Range):</b> | ±0.00016"/0.004 mm                                                      |
| <b>H MPE (Hysteresis):</b>                             | 0.00008"/0.002 mm                                                       |
| <b>R MPE (Repeatability):</b>                          | 0.00008"/0.002 mm                                                       |
| <b>Measuring force MPL:</b>                            | ≤2.3 N                                                                  |
| <b>Protection:</b>                                     | IP30                                                                    |
| <b>Type:</b>                                           | ASME/ANSI/AGD Standard                                                  |
| <b>Display:</b>                                        | LCD with red/green backlight, character height 11 mm                    |
| <b>Max. response speed:</b>                            | Unlimited                                                               |
| <b>Measurement frequency<br/>(MAX/MIN/RANGE):</b>      | 500 times/s                                                             |
| <b>Alarm:</b>                                          | Setting errors, sensor error, display overflow a.s.o.                   |
| <b>Stem Ø:</b>                                         | 9.52 mm                                                                 |
| <b>Contact point:</b>                                  | Carbide ball, thread: No.4-48UNF                                        |
| <b>Power supply:</b>                                   | AC adapter 5,9V, 2A                                                     |
| <b>Digital Scale:</b>                                  | Electrostatic capacitance type absolute linear encoder                  |
| <b>ON/OFF:</b>                                         | Yes                                                                     |

|                                       |                                |
|---------------------------------------|--------------------------------|
| ABS / INC (INC ZERO):                 | Yes                            |
| Function lock:                        | Yes                            |
| GO/±NG judgement:                     | Yes                            |
| DATA/HOLD:                            | Yes                            |
| Auto Power OFF setting:               | Yes                            |
| Counting direction switchable:        | Yes                            |
| Customizing keys:                     | Yes                            |
| Calibration warning function:         | Yes                            |
| Digital step switchable:              | Yes                            |
| MAX/MIN/RANGE:                        | Yes                            |
| Calculation function (with formula):  | Yes                            |
| Analog bar resolution selection:      | Yes                            |
| Digimatic data output:                | Yes                            |
| Digimatic S1 Bidirectional interface: | Yes                            |
| Analog bar resolution switchable:     | Yes                            |
| Selectable resolution:                | Yes                            |
| Inch/Metric switchable:               | Yes                            |
| Mass:                                 | 330 g                          |
| Plunger Direction:                    | Up to the horizontal direction |

Dimensions



Accessories

Optional accessories:



### Digimatic Cable, Straight, 1m

Digimatic/Digimatic 2/Digimatic S1 Interface  
Art No. 06AGL011

**£54.36** inc. VAT

£45.30 ex. VAT



### Digimatic Cable, Straight, 2m

Digimatic/Digimatic 2/Digimatic S1 Interface  
Art No. 06AGL021

**£58.44** inc. VAT

£48.70 ex. VAT



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

2m Cable, Digimatic/Digimatic 2/Digimatic  
S1 Interface

Art No. 06AGQ001F

**£150.00** inc. VAT

£125.00 ex. VAT



### USB Input Tool Interface Box

Digimatic/Digimatic 2/Digimatic S1 Interface  
Art No. 264-020

**£314.40** inc. VAT

£262.00 ex. VAT



### U-WAVE fit, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator

Art No. 264-623

**£276.00** inc. VAT

£230.00 ex. VAT



### U-WAVE fit, IP67 Type

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

**£276.00** inc. VAT

**£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~~

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~~



### Connection Cable SF for U-WAVE

for U-WAVE-T and Instruments with  
Digimatic S1 Interface  
Art No. 02AZG011

**£101.64** inc. VAT

**£84.70** ex. VAT



### Connection Cable SF for U-WAVE

for Foot Switch, for Digimatic S1 Interface  
Art No. 02AZG021

**£231.60** inc. VAT

**£193.00** 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



### Spindle Lifting Knob

for 50,8mm Range  
Art No. 21EZA200

**£55.80** ex. VAT



### Auxiliary Spindle Spring

for 50,8mm Range  
Art No. 02ACA773

**£8.10** ex. VAT

#### Standard accessories:



### AC-Adapter, 6V 2A

Korea  
Art No. 06AGZ369E

**£67.20** inc. VAT

**£56.00** ex. VAT



## Spindle Lifting Handle

for Indicators  
Art No. 21EAA426  
**£1.50** ex. VAT