

[Gage Interfaces](#)[Gage Cables](#)[Gage Displays](#)[Gages by Type](#)[Gages by Brand](#)[Accessories](#)[Wireless Data Collection](#)**COVID-19 : Yes, we are here and shipping for you!*****We are still working and shipping the tools needed available in this time of emergency*****Products**[Home](#) / Mitutoyo 543-400 ABSOLUTE Digimatic Indicator with SPC output, ID-C**Gage Interfaces**[Single Input](#)[Multiple Input](#)[Analog Input](#)[Specialty Configurations](#)**Gage Cables****Gage Displays****Gages by Type**[Calipers](#)[Micrometers](#)[Indicators](#)[Other](#)**Gages by Brand**[Mahr](#)[Mitutoyo](#)[Starrett](#)**Accessories**[Data Send Switch](#)[Battery Packs](#)**Wireless Data Collection**

Double click on above image to view full picture

Mitutoyo 543-400 ABSOLUTE Digimatic Indicator with SPC output, ID-C

Measuring Range 12.7mm

Resolution 0.01mm

Accuracy ± 0.002 mm

Measuring Force: 0.9N or less

Lug Back

\$319.00Qty: [Add to Cart](#)**More Views**

Product Description

543 Series FEATURES

- As compact as standard Series 2 dial indicators.
- Large, easy-to-read LCD.
- GO/±NG judgment can be performed by setting upper and lower tolerance limits. The judgment result (GO/±NG) can be displayed in full-size characters.
- The positive/negative count resulting from the spindle's up/down movement can be toggled.
- Internal calculations using the simple formula of $[F(x)=Ax]$ are available
- Employing the ABSOLUTE linear encoder, the ID-C always displays the spindle "Absolute Position" from the origin at power-on. Also unlimited response speed eliminates over-speed errors.
- The ID-C indicator face can be rotated 330° to an appropriate angle for easy reading.
- With SPC data output.

Technical Data

Accuracy: Refer to the list of specifications.

Resolution: 0.01mm, 0.001mm, .0005"/0.01mm, .0001"/0.001mm or .00005"/0.001mm

Display: LCD

Length standard: ABSOLUTE electrostatic capacitance type linear encoder

Max. Response speed: Unlimited

Measuring force: Refer to the list of specifications

Battery: SR44 (1 pc.), [938882](#)

Battery life: Approx. 5,000 hours under normal use

Dust/Water protection level: IP42 or IP53 (dust-proof type)

Function

Origin-set/Preset, Zero set, GO/±NG judgment, Counting direction switching, Power ON/OFF, Data output, inch/mm conversion (on inch/metric models only)

Alarm: Low voltage, Counting value composition error, Over-flow error, Tolerance limit setting error

Internal calculations using the simple formula of $[F(x)=Ax]$ are available

Optional Accessories

[905338](#): SPC cable (40" / 1m)

[905409](#): SPC cable (80" / 2m)

[64AAA016](#): SPC cable (3m)

[64AAA017](#): SPC cable (5m)

21EZA198: Spindle lifting lever (ISO/JIS type)*

21EZA199: Spindle lifting lever (ANSI/AGD type)*

21EZA105: Spindle lifting knob(12.7mm/5"ISO/JIS type)**

21EZA150: Spindle lifting knob(12.7mm/5" ANSI/AGD type)**

21EZA197: Spindle lifting knob(25.4mm/1", 50.8/2" models)

21EZA200: Spindle lifting knob(50.8mm/2")

540774: Spindle lifting cable (stroke: 1"/25.4mm)

02ACA571: Auxiliary spindle spring for 25mm/1" models***

02ACA773: Auxiliary spindle spring for 50mm/2" models***

*Can be used on 12mm/.5" models only.

**Not available for low measuring force models.

We Also Recommend

You may also be interested in the following product(s)



**FlexWedge USB Single
Input Gage Interface,
FW2-1M-USB**

\$195.00



**C-905409-06 Mitutoyo
Gage Cable 80"/2m**

\$47.75



**Data send switch -
Clamshell Style, 6'
cordset, C-FS25-06,
2.5mm male plug**

\$45.00



**Mitutoyo 543 Series -
ABSOLUTE Digimatic
Indicator ID-C, Standard
Type**

From: \$310.00

To: \$826.75

Additional Information

SKU	543-400
EAN	4946368586588
Weight (in lbs)	0.6
Manufacturer	Mitutoyo
Gage Type	Indicator
Gage Cable	905338, 905409, 64AAA016, 64AAA017
Measuring range	12.7mm
Resolution	0.01mm
Accuracy	±.002mm
Remarks	Lug Back

