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Dial Gauge - Digital Plunger Type, High-Accuracy, ID-H (543-562A)



MITUTOYO

1.2 In/30.4mm, .00002 In/.00005 In/.0001 In/0.0005mm/0.001mm, ID-H ABSOLUTE Digimatic Indicator, 3/8 In stem, Flat Back, With SPC/RS232 Data Output, With Analog Display, Back-Lit, ANSI

PDF

Configure here

Reset

Submit Configuration

Completed

type

Days to Ship

All

32 Days or Less

Edit Part Configuration

Part Number **543-562A**

Add

Similar
Products

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Price

\$9

Total

\$937.5

Ship Date

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Add to Cart

Quantity	Price (USD)	Ship Date
1-5	\$937.50	Mar 21, 2024
6-	\$937.50	TBD

NOTE : Ship Dates above are subject to change depending upon availability.

Configured Specifications

Display Method	Digital	Measuring Range(mm/inch)	1.2" / 30.4mm
Code No., code, part No	ID-H530E	Resolution	00002", .00005", 0001", 0.0005mm, 0.001mm
Accuracy	0.0015mm	Remark	Inch/Metric

Catalog

Part Numbers

0259

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Technical Data

Accuracy: Refer to the list of specifications
 Resolution: 0.0005mm/0.001mm or .00002"/.00005"
 / .0001"/0.0005mm/0.001mm
 Display: LCD
 Length standard: Linear encoder
 Max. response speed: 1000mm/s
 Measuring force: 2.0N/2.5N* or less (*60mm range models)
 Power supply: 6V DC (via AC adaptor)

Function

Origin-set/Preset, Zero-set, go/no-go judgment, Max/Min value hold, Runout measurement, Resolution switching, Counting direction switching, Power ON/OFF, Data output, inch/mm conversion (on inch/metric models only)
 Alarm: Low voltage, Counting value composition error, Overflow error, Tolerance limit setting error

Standard Accessories

06AEG180JA: AC Adaptor 120v
 137693: Lifting Lever

Optional Accessories

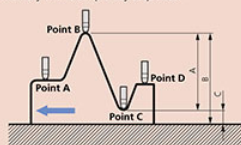
936937: SPC cable (40" / 1m)
 965014: SPC cable (80" / 2m)
 21EAA131: RS-232C cable (80" / 2m)
 21EZA099: Remote controller
 540774: Spindle lifting cable (stroke: 4" / 10mm)
 21EZA101: Spindle lifting knob
 264-504-5A: Digimatic Min-processor DP-1VR
 21EZA152A: FREE PARAMETER SETTING SOFTWARE
 —: Backs (See page F-33.)
 —: Contact points (See page F-34.)

Application

Difference/Runout measurement

Example: Indicator travel from points A to D

Difference (or Total Runout) is displayed as A. Dimensions B (maximum value) and C (minimum value) can be recalled from memory with a simple key sequence.



Order No.	A	B	C	D	E
543-561A	251.3	47.3	30.48	60	7.3
543-562A	250.35	46.35	30.48	60	6.35
543-563A	311.3	77.3	60.96	90	7.3
543-564A	310.35	76.35	60.96	90	6.35

Digimatic Indicator ID-H

SERIES 543 — High-Accuracy and High-Functional Type

FEATURES

- This new generation digital indicator offers the excellent accuracy and functionality expected from this class of indicator. Take advantage of its high accuracy backed by 0.5µm / .00002" resolution, remote control functionality via a handheld controller (or an RS-232C interface) and easy runout measurements with the analog bar display.
- The maximum, minimum, or runout value can be displayed during measurement.
- Go/no-go judgment is performed by setting the upper and lower tolerances. If a judgment result is out of tolerance, the display backlighting changes from green to red, so tolerance judgment can be made at a glance.
- With SPC data output.
- With RS-232C input/output.

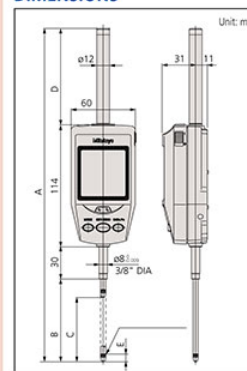


SPECIFICATIONS

Inch/Metric		Stem dia. 3/8" #4-48 UNF Thread		
Resolution	Range	Order No.	Model	Accuracy
.00002", .00005", .0001", 0.0005mm, 0.001mm	1.2" / 30.4mm	543-562A	ID-H530E	0.0015mm
	2.4" / 60.9mm	543-564A	ID-H560E	0.0025mm

Metric		Stem ø 8mm M2.5 X 0.45 Thread		
Resolution	Range	Order No.	Model	Accuracy
0.0005mm, 0.001mm	30.4mm	543-561A	ID-H530	0.0015mm
	60.9mm	543-563A	ID-H560	0.0025mm

DIMENSIONS



Tolerance judgment



Analog bar display



Max/Min value measurement



Runout measurement



Resolution switching



F-11

Mitutoyo

Basic Information

Display Method	Digital	Measuring Range(mm/inch)	1.2" / 30.4mm	Code No., code, part No	ID-H530E
Resolution	0.0002", .00005", .0001", 0.0005mm, 0.001mm	Accuracy	0.0015mm	Remark	Inch/Metric

Product Notes: Please check the product specification for the part number 543-562A on the Dial Gauge - Digital Plunger Type, High-Accuracy 543-562A is included in our offerings for MITUTOYO Dial Gauges and our full line of MITUTOYO products.