## **Technical Data**

Display: 6-digit LCD, sign and analog bar Scale type: ABSOLUTE electrostatic linear encoder Measuring force: 1.5N or less Stem dia: 8mm (ISO/IIS type) or 3/8" (ANSI/AGD type) Standard contact point: 901312 (ISO/IIS type) 21BZB005 (ANSI/AGD type)

Battery: SR44 (2pcs.) 938882 for initial operational checks (standard accessory) Battery life: 9 months under normal use\* \*Operation time per day: 8 hours

### **Functions**

Presetting, Power on/off, inch/mm coversion (inch/mm type only), 3 sets of master value and tolerance value memory, GO/±NG tolerance judgment, Min value holding, Data hold

## **Optional accessories**

SPC Cable:

1m (905338)

2m (905409)

Refer to page A-15 for details. USB Input Tool Direct (2m): 06ADV380F Connecting Cables for U-WAVE-T:

160mm (**02AZD790F**)

For footswitch (02AZE140F)

Refer to page A-15 for details.
Digimatic Mini-Processor **DP-1VR**: **264-504** 

## The ABSOLUTE Digimatic Bore Gage



ABSOLUTE Digimatic Bore Gages, which integrate the display with a bore gage measuring unit, are also

Refer to pages C-41 and C-42 for details.



# **ABSOLUTE Digimatic Indicator ID-C** SERIES 543 — Bore Gage Type

- Exclusively designed for Bore Gages: this ID-C Equipped with a data output port that series has the minimum value holding and GO/±NG judgment function.
- The ABS (absolute) sensor restores the last origin position automatically when the indicator is turned on. Also, the reliability has been increased due to elimination of overspeed errors.
  - Note: Regarding origin setting, refer to "Origin Setting of Digimatic Indicators" on page F-20.
- An analog bar indication is integrated to provide the advantages of analog display for minimum value measurements.
- Up to three sets of reference diameter and upper/lower tolerance values can be memorized to simplify the start-up key operation in repetitive hole inspection of mixed diameter holes.

enables incorporation into measurement networking and statistical process control systems.



# **SPECIFICATIONS**

Metric			
Order No.*	Reso <b>l</b> ution	Range	Accuracy*2
543-264B	0.001mm	12.7mm	0.003mm

\*Flat back only

Metric/Inch -				
Order No.*	Resolution	Range	Accuracy*2	
543-265B	0.001mm/.00005"	12.7mm	0.003mm	

<sup>\*</sup>Flat back only

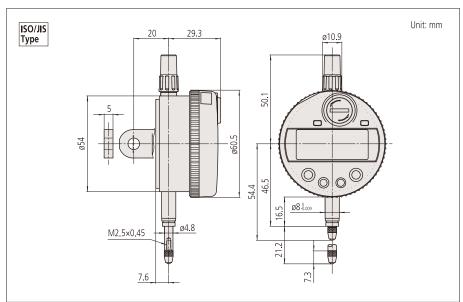
Order No.	Resolution	Kange	ACCUIACY"
543-266B	.00005"/0.001mm	.5″	.00012"
543-267B	0.001mm/.0001"	12.7mm	0.003mm
*Flat back only	ISO/JIS type	1A	NSI/AGD type

\*1 Quantizing error of ±1 count is excluded.

Notes:

- 1) Min. holding: sample rate is 50 readings/sec; max. rate of change of reading is 50µm/sec.
- 2) All instruments in this series are of the flat back type.
- 3) All instruments in this series can be only used for inside diameter measurement.

## **DIMENSIONS**



Note 1: Dimensions of the inch (ANSI/AGD Type) dial indicator partly differ from those of the metric (ISO/JIS Type) indicator. Note 2: Inch (ANSI/AGD Type) dial indicators are provided with a stem of 3/8" dia. and #4-48UNF thread mount for the contact point.

