Functions	Series 543
DATA/HOLD	•
Digimatic data output	<b>a</b>
ON/OFF	•
MAX/MIN/RANGE	<b>a</b>
RS-232C Output/Input	
RS-232C Input*	<b>a</b>
ZERO SET	•
PRESET	<b>a</b>
Analog bar resolution switchable	٠
Selectable resolution	<b>(4)</b>
Function lock	
GO/±NG judgement	<b>a</b>
Counting direction switchable	•

## Specifications

Display	LCD, character height: 9,5 mm
Max. response speed	1.000 mm/s
Alarm	Counting value composition error, overflow error, tolerance setting error
Stem Ø	8 mm
Contact point	Carbide ball, M 2,5 x 0,45 mm
Power supply	AC adapter 6 V DC, 2A

### Standard accessories

No.	Description
06AFZ950D	AC-Adapter, 6V 2A, CEE Type, Germany (Europe)
137693	Spindle Lifting Handle

## Optional accessories

No.	Description	
936937	Digimatic Cable, Flat 10-Pin Type, 1m	
965014	Digimatic Cable, Flat 10-Pin Type, 2m	
06AFM380D	USB Input Tool Direct (Digimatic USB), Flat 10-Pin Type	
02AZD880G	U-WAVE-T, Buzzer Type, Wireless Transmitter	
02AZD730G	U-WAVE-T, IP67 Type, Wireless Transmitter	
02AZD790D	U-WAVE-T Connection Cable D, Flat 10- Pin Type	
21EAA130	Cable RS-232C for ID-H Indicator 1m	
21EAA131	Cable RS-232C for ID-H Indicator 2m	
21JZA295	Spindle Lifting Cable, for Indicator, L=500mm	
21EZA101	Spindle Lifting Knob, for ID-H Indicator	
21JZA295 : moving measuring range max. 30 mm		

# Consumable spares

No.	Description
011511-1	Battery LR03 (AAA), 4x
901312	Contact Element Ball Point, 7,3mm Length, Carbide, Metric

\* RS-232 Input/Output
Connect this instrument with an external device such as a PC using the
RS-232 dedicated cable (optional accessory). With this connection it is
possible to perform initial setup of the instrument, control of switching a
measurement mode, etc., and processing such as measurement data
transfer.



# **Digimatic Indicators ID-H**

# Series 543

This is a superior multi-function indicator that gives you high accuracy and high resolution of 0,0005mm.

The Digimatic Indicator ID-H offers you the following benefits:

- 2-colour LCD backlight (green and red) provides you with visual GO/±NG tolerance judgement and analogue bar-graph display.
- You can display the maximum, minimum or range (runout value).
- Lifting mechanism over 30mm with cable release (optional).
- You can carry out zero-setting and presetting with the optional remote controller, without having to touch the indicator.
- The remote control system can be implemented in advance with the built-in RS-232 interface and a PC.
- External power supply via AC-Adapter.



543-561D



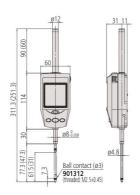
21EZA099: Data export Reset Max/Min/TIR Max/Min/TIR switchover **Call PRESET value** 

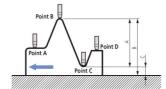




The display switches from green to red backlight if the upper or lower tolerance limit is exceeded

No.	Range	Digital step	Maximum Per- missible Error E MPE	H MPE (Hysteresis)	R MPE (Repeatability)	Measuring force [N]	Protec- tion	Mass [g]
543-561D	30,4 mm	0,0005 mm/ 0,001 mm	0,0015 mm	0,0015 mm	0,001 mm	≤2 N	IP30	290
543-563D	60,9 mm	0,0005 mm/ 0,001 mm	0,0025 mm	0,0025 mm	0,001 mm	≤2,5 N	IP30	305





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.

