

Digimatic Indicator ID-H

Series 543

Superior multi-function indicator - High accuracy and high resolution 0,0005 mm

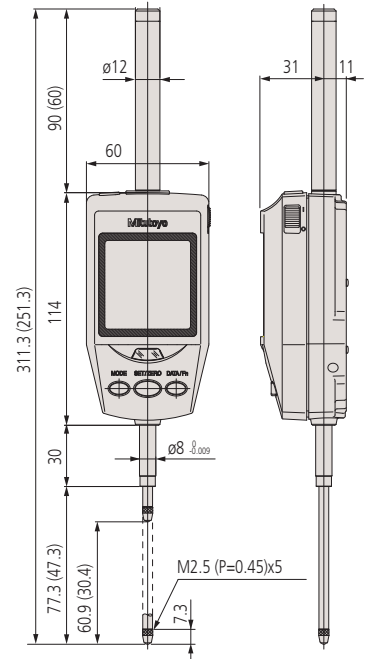
- With visual tolerance-monitoring and analogue bargraph display.
- Lifting mechanism over 30 mm with cable release (optional).
- Externally controllable. Remote control (optional).
- Data output Digimatic and RS-232C.
- External power supply via AC-Adapter.



543-561D



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



Functions	Series 543
ZERO	●
PRESET	●
DATA/HOLD	●
Counting direction switching	●
Selectable resolution	●
Analogue measuring range switchable	●
Max/Min/Runout value	●
GO/±NG judgement	●
Digimatic data output	●
Digimatic data input	●
RS-232C data output*	●
RS-232C data input*	●
ON/OFF	●
Lock function	●

Specifications

Accuracy	Refer to the list of specifications (excluding quantizing error)
Digital step	Switchable
Digital step	0,001 mm/0,0005 mm or 0.00002"/0.00005"/0.0001"/0,001 mm/0,0005 mm
Display	LCD, character height: 9,5 mm
Scale type	Photoelectric linear encoder
Max. slider speed	1000 mm/s
Stem dia.	8 mm (ISO/JIS type) or 3/8" (ANSI/AGD type)
Contact point	Carbide ball, thread M 2.5 x 0.45 mm (ISO/JIS type) or 4-48 UNF (ANSI/AGD type)
Alarm	Counting value composition error, overflow error, tolerance setting error
Power supply	AC adapter 6 V DC

Standard accessories

No.	Description
09EAA119D	AC adapter
137693	Lifting lever
526688UK	AC adapter 220 V (UK only)

Optional accessories

No.	Description
21EZA099	Remote control
540774	Spindle lifting cable
21EZA101	Spindle lifting knob
543-004D	Digimatic Presetter
543-004E	Digimatic Presetter UK
Digimatic Signal Cables	
936937	Data cable (1 m)
965014	Data cable (2 m)
02AZD790D	Connecting cable U-Wave
06ADV380D	USB Input Tool Direct cable (2 m)
21EAA130	RS-232C cable (1 m)
21EAA131	RS-232C cable (2 m)

540774 : moving measuring range max. 30 mm

Consumable spares

No.	Description
011511	Battery for remote control (4 x LR03)
901312	Standard contact point
ANSI/AGD type	
21BZB005	Standard contact point

* 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.

Metric

No.	Range	Accuracy	Measuring force	Mass g
543-561D	30,4 mm	0,0015 mm	≤ 2.0 N	290
543-563D	60,9 mm	0,0025 mm	≤ 2.5 N	305

Inch/Metric

ANSI/AGD Type

No.	No. UK Only	Range	Accuracy	Measuring force	Mass g
543-562D	543-562E	30,4 mm/1.2"	0,0015 mm/0.00006"	≤ 2.0 N	290
543-564D	543-564E	60,9 mm/2.4"	0,0025 mm/ 0.0001"	≤ 2.5 N	305



Digimatic presetter (optional) :
External keyboard for entering tolerance data or preselecting values



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



Max/Min/TIR value measurement

