

Mitutoyo Absolute Digimatic dial indicators ID-F/ID-H

Very advanced Mitutoyo Absolute dial indicators for the demanding user. Besides the high accuracy, these indicators are equipped with many practical functions, among which an automatic hold function for the maximum and minimum measuring value, calculation of min-max difference value and tolerance judgements with help of a color changing display (red/green).

To optimise the reproducibility and stability of measurements for the ID-H dial indicators an optional remote control device is available with which the indicator can be set up without actually physically making contact.



- Measuring range: 0 - 60.9 mm.
- Resolution: 0.01, 0.001 or 0.0005 mm, switchable.
- RS232C data output (only 543.561/563).
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Clamping stem: $\varnothing 8$ mm.
- Tungsten carbide stylus tip: $\varnothing 3$ mm.
- Reversible measuring direction.
- Adjustable tolerance limits.
- Conforms to factory standard.
- Power supply: AC adapter.

543.561

543.551



210.099

Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Measuring force/N
ID-F				
543.551	0 - 25	0.01/0.001	± 0.003	≤ 1.8
543.553	0 - 50	0.01/0.001	± 0.006	≤ 2.3
543.557	0 - 50	0.01/0.001	± 0.003	≤ 2.3
ID-H				
543.561	0 - 30.4	0.001/0.0005	± 0.0015	≤ 2.0
543.563	0 - 60.9	0.001/0.0005	± 0.0025	≤ 2.5
Options:				
210.099*	Remote control			
540.774	Cable retraction device, 12 mm stroke			
210.131*	RS232C cable, 2 m			
936.937	Digimatic signal cable without data switch, 1 m			
965.014	Digimatic signal cable without data switch, 2 m			
106.383	USB Input Tool Direct cable, 2 m			
102.791	U-WAVE data cable			

* Only for ID-H.