MeasurLink® ENABLED
Data Management Software by Mitutoyo

U-WAVE fit

Caliper Type Micrometers SERIES 343

- Effective for measuring workpiece features where access is difficult with a standard micrometer.
- Measuring faces: Carbide tipped
- Equipped with Ratchet Stop for constant measuring force.



343-250-30

SPECIFICATIONS

Metric

Code No.	Range (mm)	Resolution (mm)	Maximum permissible error J_{MPE} (µm)	Flatness (µm)	Parallelism (µm)
With SPC data output					
343-250-30	0 - 25	0.001	±5	0.3	3
343-251-30	25 - 50		±6		
343-252-30	50 - 75		±7		4
343-253-30	75 - 100		±8		

Inch / Metric

Code No.	Range (in)	Graduation (in)	Maximum permissible error J_{MPE} (in)	Flatness (in)	Parallelism (in)
With SPC data output					
343-350-30	0 - 1	0.00005 in / 0.001 mm	±0.00025	0.000012	0.00012
343-351-30	1 - 2		±0.0003		
343-352-30	2 - 3		±0.00035		0.00016
343-353-30	3 - 4		±0.0004		

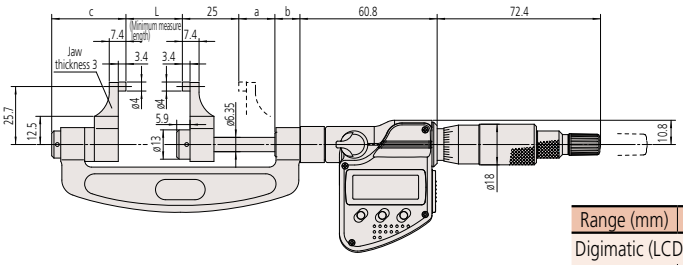
- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
- Battery life: Approx. 2.4 years under normal use
- Position detection method: Electromagnetic rotary sensor
- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models), Spanner (**301336**), 1 pc.

Note: For functional details of **series 343**, refer to page 02-7.
Please note that these models are not water-proof.

DIMENSIONS

Digimatic
Measuring range up to 100 mm

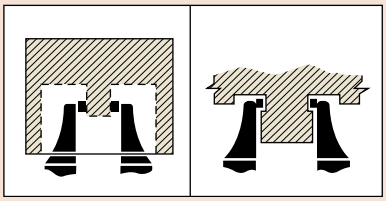
Unit: mm



Range (mm)	L	a	b	C
Digimatic (LCD)				
0 - 25	0	16	11.1	32.9
25 - 50	25			
50 - 75	50			
75 - 100	75			

Measurement example





Optional Accessories (for series 343)

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type **IT-020U**
05CZA662	B	Connection cable (1 m)
05CZA663	B	Connection cable (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD730G	IP67	**U-WAVE-T**
02AZD880G	Buzzer	**U-WAVE-T**
02AZE200	—	**U-WAVE-T** mounting bracket
02AZD790B	B	Connection cable for **U-WAVE-T** (160 mm)
02AZE140B	B	Connection cable for **U-WAVE-T** For foot switch
264-622	IP67	**U-WAVE-TM**
264-623	Buzzer	**U-WAVE-TM**
264-626	IP67	**U-WAVE-TMB**
264-627	Buzzer	**U-WAVE-TMB**
02AZF310	IP67	Connecting unit for **U-WAVE-TM / TMB**

Mitutoyo reserves the right to change any or all aspects of any product specification, including prices, designs and service content, without notice.