Spline Micrometers SERIES 331

- The anvil and spindle have a small diameter for measuring splined shafts, slots and keyways.
- IP65 water/dust protection.
- Measuring faces: Carbide tipped
- Equipped with Ratchet Stop for constant measuring force.



331-251-30

SPECIFICATIONS

Metric

Code No.	Range (mm)	Resolution (mm)	Maximum permissible error J_{MPE} (µm)	Flatness (µm)	Parallelism (µm)	Measuring face
Digimatic						
331-251-30	0 - 25	0.001	±2	0.3	2	Type A
331-252-30	25 - 50					
331-253-30	50 - 75					
331-254-30*	75 - 100		±3		3	
331-261-30	0 - 25		±2		2	Type B
331-262-30	25 - 50					
331-263-30	50 - 75					
331-264-30*	75 - 100		±3		3	

Inch / Metric

Code No.	Range (in)	Resolution	Maximum permissible error J_{MPE} (in)	Flatness (in)	Parallelism (in)	Measuring face
Digimatic						
331-351-30	0 - 1	0.00005 in/ 0.001 mm	±0.0001	0.000012	0.00008	Type A
331-352-30	1 - 2					
331-353-30	2 - 3					
331-354-30	3 - 4		±0.00015		0.00012	
331-361-30	0 - 1		±0.0001		0.00008	Type B
331-362-30	1 - 2					
331-363-30	2 - 3					
331-364-30	3 - 4		±0.00015		0.00012	

- 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.

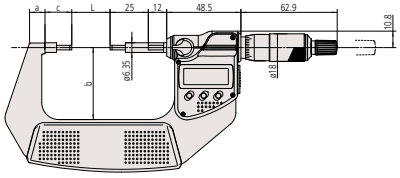
* Made to order.

Note: For functional details, refer to page 02-7.
Optional connection cable is available only for water-proof type (Digimatic model).

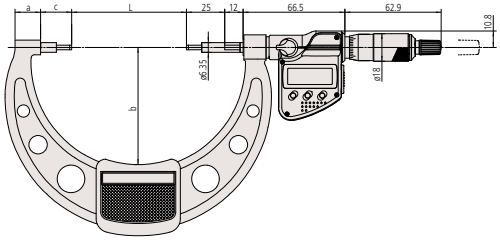
DIMENSIONS

Unit: mm

Digimatic models
Models up to 75 mm measuring range



Digimatic models
Models over 75 mm measuring range



Code No.	L	a	b	c
331-251-30	0	7.3	32.5	17.5
331-261-30				
331-252-30	25	10.1	47	
331-262-30				
331-253-30	50	11.5	60	
331-263-30				
331-254-30	75	16.7	76	20.3
331-264-30				

MeasurLink ENABLED Data Management Software by Mitutoyo

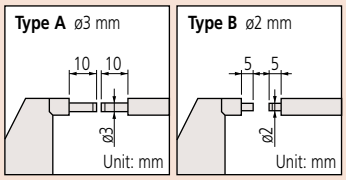
U-WAVE fit

IP65

Dust- and Water-Protected

Measurement example





Optional Accessories

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**

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