Gear Tooth Micrometers
SERIES 324 — Interchangeable Ball Anvil/Spindle Tip Type

- This specialized micrometer series measures gear over-pin diameters. Attach optional ball probes to each measuring face before use.
- Determination of the over-pin diameter: refer to "Quick Guide to Precision Measuring Instruments" on page 13-8.
- Interchangeable ball anvils/spindle tips for various gear modules (0.5 to 5.25) are optional.



324-251-30

SPECIFICATIONS

Metric

Code No.	Range (mm)	Resolution (mm)	Spindle feed error (µm)
With SPC data output			
324-251-30	0 - 25	0.001	3
324-252-30	25 - 50		
324-253-30	50 - 75		
324-254-30	75 - 100		

Inch / Metric

Code No.	Range (in)	Resolution	Spindle feed error (in)
With SPC data output			
324-351-30	0 - 1	0.00005 in/ 0.001 mm	0.00015
324-352-30	1 - 2		
324-353-30	2 - 3		
324-354-30	3 - 4		

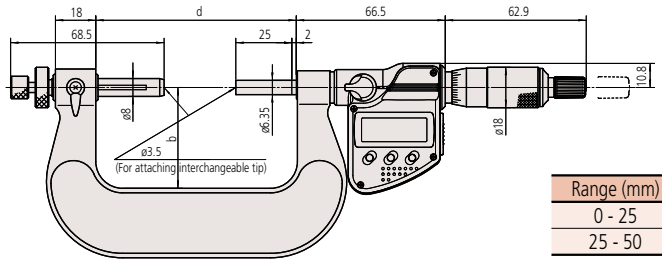
- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
- Battery life: Approx. 2.4 years under normal use
- Position detection method: Electromagnetic rotary sensor
- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in)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

Note: For functional details, refer to page 02-7.
Please note that origin setting of these models is by presetting. Optional connection cable is available only for water-proof type (Digimatic model).

DIMENSIONS

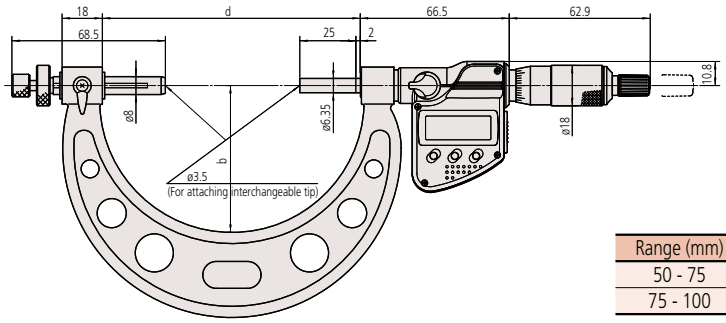
Digimatic models up to 50 mm

Unit: mm



Range (mm)	b	d
0 - 25	32	64
25 - 50	45	89.5

Digimatic models over 50 mm up to 100 mm



Range (mm)	b	d
50 - 75	65	115.1
75 - 100	79	140.1

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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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