

**IP65 ABSOLUTE™**

Applicable models: 369-411-20/412-20

**Measurement example**



**Optional Accessories**

Order No.	Type	Description
05CZA662	B	Connecting cable (1 m)
05CZA663	B	Connecting cable (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD790B	B	Connecting cables for U-WAVE-T (160 mm)
02AZE140B	B	Connecting cables 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/ buzzer	Connecting unit for U-WAVE-TM/TMB

**Disk Micrometers  
SERIES 369 — Non-Rotating Spindle Type**

- Measures “root tangent length” of spur gears and helical gears.
- Determination of the root tangent length: refer to “Quick Guide to Precision Measuring Instruments” on page B-80.
- Non-rotating spindle type.
- Measurable range of gear pitch: 0.5 to 6 module.
- Equipped with Ratchet Stop for constant measuring force.



Digimatic (LCD)  
369-250-30

**SPECIFICATIONS**

Metric								
	Order No.	Range (mm)	Resolution (mm)	Anvil dia. (mm)	Maximum permissible error $J_{MPE}$ (μm)	Flatness (μm)	Parallelism (μm)	Measuring force (N)
Digimatic (LCD)	369-250-30	0 - 25	0.001	20	±4	1	4	3 - 8
	369-251-30	25 - 50						
	369-252-30	50 - 75			±6		6	
	369-253-30	75 - 100						

Inch / Metric								
	Order No.	Range (in)	Resolution	Anvil dia. (in)	Maximum permissible error $J_{MPE}$ (in)	Flatness (in)	Parallelism (in)	Measuring force (N)
Digimatic (LCD)	369-350-30	0 - 1	0.00005 in/ 0.001 mm	0.787	±0.0002	0.00004	0.0002	3 - 8
	369-351-30	1 - 2						
	369-352-30	2 - 3			±0.0003		0.0003	
	369-353-30	3 - 4						

- Battery: SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 2.4 years under normal use
- Length standard: 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 1: For functional details, refer to page B-7. Please note that these models are not water-proof.  
Note 2: Root tangent length measurement is not available for some types of gears.

**DIMENSIONS**

**Digimatic models up to 75 mm** Unit: mm

**Digimatic models over 75 mm**

Range (mm)	L	a	b	c
0 - 25	0	7	32	12.9
25 - 50	25	9.8	47	
50 - 75	50	11.2	60	
75 - 100	75	13.5	60	5.5