



These marks indicate that a product has successfully passed IP65-level testing, which is carried out by the independent German certification organization TÜV Rheinland.



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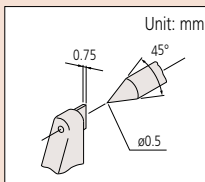
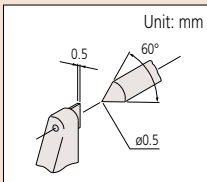
IP Codes (series 342-271-30, 342-371-30, 342-451-20)

Level 6: Dust-proof.

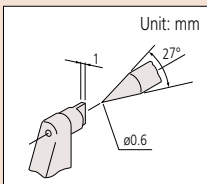
No ingress of dust allowed.

Level 5: Protected against water jets.

Water projected in jets against the enclosure from any direction shall have no harmful effects.



342-271-30, 342-371-30, 112-401 342-451-20



142-402, 142-403

Technical Data

- Battery for series 342
SR44 (1 pc.), 938882, for initial operational checks (standard accessory)
- Battery life: Approx. 2.4 years under normal use (for series 342-271-30/342-371-30)
Approx. 5 years under normal use
Approx. 18,000 hours in continuous use (for series 342-451-20)
- Length standard: Electromagnetic rotary sensor (for series 342-271-30/342-371-30)
Electrostatic capacity absolute sensor (for series 342-451-20)
- Standard accessories:
Spanner (301336), 1 pc. (except for series 342-451-20)

Optional Accessories

- Connecting cables (Digimatic model)
1 m: 05CZA662
2 m: 05CZA663
- USB Input Tool Direct
USB-ITN-B (2 m): 06AFM380B
- U-WAVE-T dedicated connection cable (for series 342-271-30/342-371-30 and 342-451-20)
160 mm: 02AZD790B
For foot switch: 02AZE140B

Wireless Data Output* U-WAVE^{fit}

- U-WAVE-TM 264-622 (IP67 type)
264-623 (Buzzer type)
- Connecting unit for U-WAVE-TM
02AZF310 (IP67/buzzer type common specification)
Refer to page A-15 for details.
* 342-271-30 and 342-371-30 can be attached. Not available for 342-451-20.

Crimp Height Micrometers Series 342,112,142

- Measures the height of crimp contacts.
- Equipped with Ratchet Stop for constant measuring force.
- IP65 water/dust protection (Digimatic model).

- Model 342-451-20 is the Quickmike type which provides a speedy spindle feed of 10 mm per thimble rotation, which enables widely differently sized features to be measured quickly.



Digimatic (LCD)
342-271-30



Quickmike type (LCD)
342-451-20



ABSOLUTE™



112-401

SPECIFICATIONS

Metric			
Order No.	Range (mm)	Resolution (mm)	Accuracy* (μm)
Digimatic (LCD)			
342-271-30	0 - 20	0.001	±3
Quickmike (LCD)			
342-451-20	0 - 15	0.001	±3

* Excluding quantizing error of ±1 count

Metric			
Order No.	Range (mm)	Graduation (mm)	Accuracy (μm)
Mechanical counter model			
142-402	0 - 25	0.01	±3
142-403		0.001	

Metric			
Order No.	Range (mm)	Graduation (mm)	Accuracy (μm)
Analog			
112-401	0 - 25	0.01	±3

Note: For functional details of series 342 refer to page B-8.

Optional connecting cable is available only for water-proof type (Digimatic model).

Inch / Metric			
Order No.	Range (in)	Resolution	Accuracy* (in)
Digimatic (LCD)			
342-371-30	0 - 0.8	0.00005 in/0.001 mm	±0.00015

* Excluding quantizing error of ±1 count

DIMENSIONS

