



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



(Refer to page X for details.)

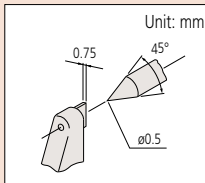
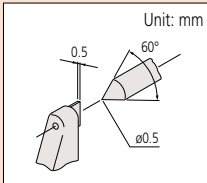
IP Codes (series 342-271-30, 342-371-30, 342-451-20)

Level 6: Dust-proof.

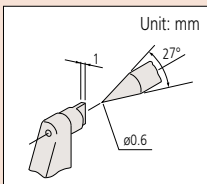
No ingress of dust allowed.

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

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)

Optional Accessories

Connecting cables (digital model)

1 m: 05CZA662

2 m: 05CZA663

USB Input Tool Direct

USB-ITN-B (2 m): 06AFM380B

Wireless data output U-WAVE™

U-WAVE-TM 264-622 (IP67 type)

264-623 (Buzzer type)

Connecting unit for U-WAVE-TM

02AZF310 (IP67 type)

Note: cannot be used with 342-451-20

Refer to page A-15 for details

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 (digital 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	Resolution	Accuracy*
Digimatic (LCD)			
342-271-30	0 - 20 mm	0.001 mm	±3 μm
Quickmike (LCD)			
342-451-20	0 - 15 mm	0.001 mm	±3 μm

* Excluding quantizing error of ±1 count

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

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

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

* Excluding quantizing error of ±1 count

Note: For the series 342 functions, refer to page B-8.

Also, other than the waterproof type only the connection cable (option) cannot be used.

DIMENSIONS

