



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.)

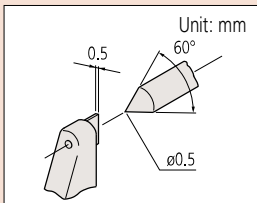
### IP Codes (series 342-271-30, 342-371-30)

Level 6: Dust-proof.

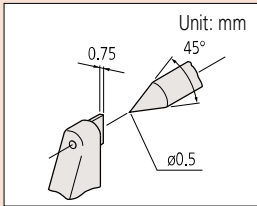
No ingress of dust allowed.

Level 5: Protected against water jets.

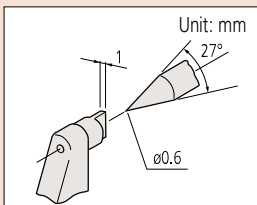
Water projected in jets against the enclosure from any direction shall have no harmful effects.



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



342-451



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. 3 years under normal use

(for series 342-451)

Length standard: Electromagnetic rotary sensor

(for series 342-271-30/342-371-30)

Electrostatic capacity absolute sensor

(for series 342-451)

Standard accessories:

Spanner (301336), 1 pc (except for series 342-451)

### Optional accessories

Connecting cables (digital model)

1m: **05CZA662**

2m: **05CZA663**

USB Input Tool Direct

USB-ITN-B (2m): **06ADV380B**

Connecting cables for U-WAVE-T (digital model)

**02AZD790B** (160mm)

For foot switch: **02AZE140B**

Connecting cables (Quickmike type)

1m: **937387**

2m: **965013**

USB Input Tool Direct

USB-ITN-E (2m): **06ADV380E**

Connecting cables for U-WAVE-T (Quickmike type)

**02AZD790E** 160mm

For foot switch: **02AZE140E**

Refer to page B-68 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** is the Quickmike type, which provides a speedy spindle feed of 10mm per thimble rotation, which enables widely differently sized features to be measured quickly.



Digimatic (LCD)  
342-271-30



Quickmike type (LCD)  
342-451



ABSOLUTE™



112-401

### SPECIFICATIONS

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

\* Excluding quantizing error

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

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

Inch/Metric			
Order No.	Range	Resolution	Accuracy*
Digimatic (LCD)			
<b>342-371-30</b>	0 - .8"	.00005" / 0.001mm	±.00015"

\* Excluding quantizing error

### DIMENSIONS

