



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.)

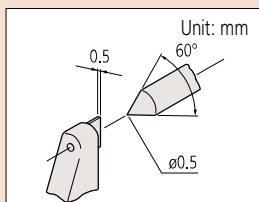
IP Codes (series 342-271-30, 342-371-30)

Level 6: Dust-proof.

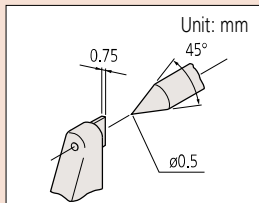
No ingress of dust allowed.

Level 5: Protected against water jets.

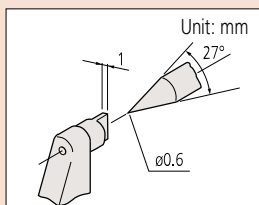
Water projected in jets against the enclosure from any direction shall have no harmful effects.



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) | | | |
| 342-271-30 | 0 - 20mm | 0.001mm | ±3µm |
| Quickmike (LCD) | | | |
| 342-451 | 0 - 15mm | 0.001mm | ±3µm |

* Excluding quantizing error

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

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

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

* Excluding quantizing error

DIMENSIONS

