

### IP Codes

Level 6: Dust -proof.

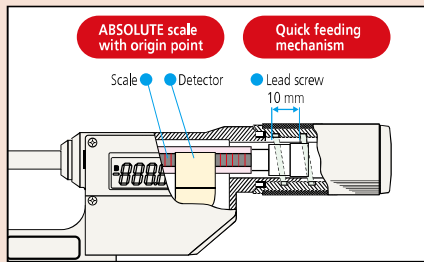
No ingress of dust allowed.

Level 5: Protected against water jets.

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

### Technical Data

- Resolution: 0.001 mm, 0.00005 in/0.001 mm
- Accuracy: Refer to the list of specifications.
- Measuring force: 5 to 12 N
- SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 5 years under normal use
- Approx. 18,000 hours in continuous use  
(1 year previous models **293-667/68/69/77/78/79**)
- Length standard: Electrostatic capacity absolute sensor
- Standard accessories: Reference bar, 1 pc. (except for measuring range 0 to 30 mm (0 to 1.2 in) models)
- Maximum response speed: without limit
- The non-rotating spindle enables even inexperienced operators to perform measurements repeatably and accurately.



### Optional Accessories

- Connecting cables  
1 m: **05CZA662**  
2 m: **05CZA663**
- USB Input Tool Direct  
**USB-ITN-B** (2 m): **06AFM380B**
- Connecting cables for **U-WAVE-T**  
160 mm: **02AZD790B**  
For foot switch: **02AZE140B**  
Refer to page A-27 for details.



## Quickmike SERIES 293 — IP65 ABSOLUTE Digimatic Micrometers

- The Quickmike provides a speedy spindle feed of 10 mm per thimble rotation which enables widely differently sized features to be measured quickly.
- Set the origin only once. The absolute linear scale maintains the origin throughout the life of battery, meaning no more zero setting (presetting) or overspeed error.
- Excellent resistance against oil, water and dust (IP65 protection level) enables this product to be used in machining operations that includes splashing coolant fluid.
- Equipped with a large LCD offering easy readability.
- Pressing the HOLD button freezes the current value in the display.
- With function lock added to prevent unintended operation.
- A new low current consumption IC provides extremely long battery life.
- Measuring faces: Carbide.
- Supplied with a Ratchet Stop for constant measuring force.
- The lineup includes Blade Micrometer types (refer to page B-49), Disk Micrometer types (refer to page B-35) and Crimp Height Micrometer types (refer to page B-42).



293-666-20



293-667-20



293-668-20



293-669-20

### SPECIFICATIONS

Metric							
Order No.	Range (mm)	Maximum permissible error $J_{MPE}$ ( $\mu$ m)	Flatness ( $\mu$ m)	Parallelism ( $\mu$ m)	Constant-force device	Mass (g)	Output function
<b>293-666-20</b>	0 - 30	±2	0.3	2	Yes	275	With
<b>293-667-20</b>	25 - 55					340	
<b>293-668-20</b>	50 - 80	±3	3	480			
<b>293-669-20</b>	75 - 105			585			

Inch / Metric							
Order No.	Range (in)	Maximum permissible error $J_{MPE}$ (in)	Flatness (in)	Parallelism (in)	Constant-force device	Mass (g)	Output function
<b>293-676-20</b>	0 - 1.2	±0.0001	0.000012	0.00008	Yes	275	With
<b>293-677-20</b>	1 - 2.2					340	
<b>293-678-20</b>	2 - 3.2	±0.00015	0.00012	480			
<b>293-679-20</b>	3 - 4.2			585			

### DIMENSIONS

