



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

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 - 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 for No. 293-667/68/69/77/78/79)

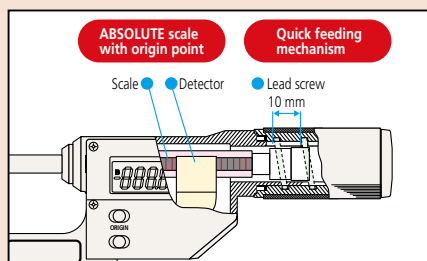
Length standard: Electrostatic capacity absolute sensor

Standard accessories: Reference bar, 1 pc

(except for measuring range 0-30 mm (0-1.2 in) models)

Maximum response speed: without limit

The non-rotating spindle enables even inexperienced operators to perform measurements repeatably and accurately.



### Functions

Origin point setting

Zero-setting

Function lock

On/off

Auto power off

Data output

Error alarm

Min Value hold

### 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

**02AZD790B** 160 mm

For foot switch: **02AZE140B**

Refer to page B-68 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.
- 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).



### SPECIFICATIONS

Metric						
Order No.	Range	Accuracy*	Flatness	Parallelism	Mass	Output function
<b>293-666-20</b>	0 - 30 mm	±2 μm	0.3 μm	2 μm	275 g	With
<b>293-667-20</b>	25 - 55 mm				340 g	
<b>293-668-20</b>	50 - 80 mm	480 g				
<b>293-669-20</b>	75 - 105 mm	±3 μm	3 μm	585 g		

\* Excluding quantizing error of ±1 count

Inch/Metric						
Order No.	Range	Accuracy*	Flatness	Parallelism	Mass	Output function
<b>293-676-20</b>	0 - 1.2 in	±0.0001 in	0.00012 in	0.00008 in	275 g	With
<b>293-677-20</b>	1 - 2.2 in				340 g	
<b>293-678-20</b>	2 - 3.2 in	480 g				
<b>293-679-20</b>	3 - 4.2 in	±0.00015 in	0.00012 in	585 g		

\* Excluding quantizing error of ±1 count

### DIMENSIONS

