MeasurLink ENABLED
Data Management Software by Mitutoyo

Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

ABSOLUTE™

IP65

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

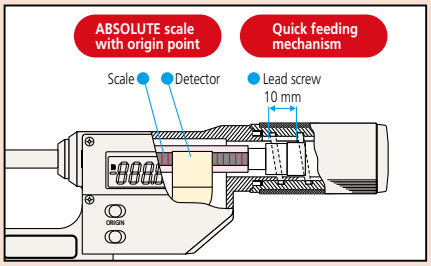
TÜVRheinland CERTIFIED
www.tuv.com
ID 1419059431

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 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 0-30 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.



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 B-68 for details.

Quickmike
SERIES 293 — IP65 ABSOLUTE
Digimatic Micrometers

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- 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.
- The function lock is added to prevent either of the reference points in use being reset unintentionally.
- 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)	Accuracy* (µm)	Flatness (µm)	Parallelism (µm)	Constant-force device	Mass (g)	Output function
293-666-20	0 - 30	±2	0.3	2	Yes	275	With
293-667-20	25 - 55					340	
293-668-20	50 - 80	±3				480	
293-669-20	75 - 105			3		585	

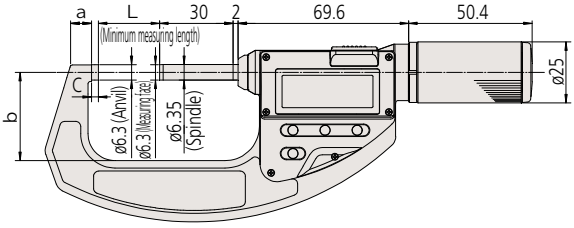
* Excluding quantizing error of ±1 count

Inch / Metric

Order No.	Range (in)	Accuracy* (in)	Flatness (in)	Parallelism (in)	Constant-force device	Mass (g)	Output function
293-676-20	0 - 1.2	±0.0001	0.000012	0.00008	Yes	275	With
293-677-20	1 - 2.2					340	
293-678-20	2 - 3.2	±0.00015				480	
293-679-20	3 - 4.2			0.00012		585	

* Excluding quantizing error of ±1 count

DIMENSIONS



Unit: mm

Range (mm)	L	a	b	c
0 - 30	0	6.2	25	2
25 - 55	25	8.5	36	2.8
50 - 80	50	10.3	47	2.8
75 - 105	75	10.7	60	2.8

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