

# Digimatic Micrometer QuantuMike IP65

## Series 293



Functions	Series 293
ORIGIN (until 100 mm)	●
ZERO/ABS	●
Auto Power OFF after 20 min. none use	●
HOLD	●
Low voltage alarm	●
Function lock	●

### Specifications

Accuracy	Refer to the list of specifications (excluding quantizing error)
Digital step	0,001 mm or 0,001 mm/0.00005"
Flatness	0,3 μm
Parallelism	1 μm for models up to 50 mm 2 μm for models up to 100 mm
Measuring surfaces	Carbide tipped, micro-lap finish
Frame	Enamelled
Measuring spindle	with spindle lock, 2 mm pitch
Measuring force	7-12 N
Battery life	approx. 1.2 year
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward)

- Faster measurement is achieved by using a coarser thread which feeds the spindle by 2mm per thimble rotation.
- Approx. 4 times faster movement than a standard micrometer with 0.5mm spindle pitch.
- The dual function offered by the ratchet on the thimble and the fast drive mechanism ensure easy single-handed or stand operation.

Only for 0-25, 25-50 mm, 0-1" and 1-2"

## QuantuMike



293-140



Coloured ratchet caps

### Optional accessories

No.	Description
05CZA662	Digimatic cable with data switch (1 m)
05CZA663	Digimatic cable with data switch (2 m)
02AZD790B	Connecting cable U-Wave with data switch
04GAA900	Red ratchet cap
04GAA901	Yellow ratchet cap
04GAA902	Green ratchet cap
04GAA903	Blue ratchet cap
04AAB208	Grey ratchet cap
06ADV380B	USB Input Tool Direct cable with data switch (2 m)

### Metric

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	Mass g
293-140	0-25 mm	±1 μm	●	0	9	25	265
293-145	0-25 mm	±1 μm	●	0	9	25	265
293-141	25-50 mm	±1 μm	●	25	9.8	32	325
293-146	25-50 mm	±1 μm	●	25	9.8	32	325
293-142	50-75 mm	±1 μm	●	50	12.6	47	465
293-147	50-75 mm	±1 μm	●	50	12.6	47	465
293-143	75-100 mm	±2 μm	●	75	14	60	620
293-148	75-100 mm	±2 μm	●	75	14	60	620

### Consumable spares

No.	Description
938882	Battery SR44
04GAA899	Black ratchet cap

### Inch/Metric

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	Mass g
293-180	0-1"	±1 μm/ 0.00005"	●	0	9	25	265
293-185	0-1"	±1 μm/ 0.00005"	●	0	9	25	265
293-181	1-2"	±1 μm/ 0.00005"	●	25	9.8	32	325
293-186	1-2"	±1 μm/ 0.00005"	●	25	9.8	32	325
293-182	2-3"	±1 μm/ 0.00005"	●	50	12.6	47	465
293-187	2-3"	±1 μm/ 0.00005"	●	50	12.6	47	465
293-183	3-4"	±2 μm/ 0.0001"	●	75	14	60	620
293-188	3-4"	±2 μm/ 0.0001"	●	75	14	60	620

