

# Digimatic Micrometer IP65

## Series 293

- Metric models, individual units
- With and without data output.



Only for 0-25, 25-50 mm



293-230



293-252-10



With ratchet stop



With ratchet thimble



With friction thimble

### Metric With ratchet stop

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	c mm	Mass g
293-230	0-25 mm	±1 µm	●	0	2.8	9	25	270
293-240	0-25 mm	±1 µm		0	2.8	9	25	270
293-231	25-50 mm	±1 µm	●	25	2.8	9.8	32	330
293-241	25-50 mm	±1 µm		25	2.8	9.8	32	330
293-232	50-75 mm	±1 µm	●	50	2.8	12.6	47	470
293-242	50-75 mm	±1 µm		50	2.8	12.6	47	470
293-233	75-100 mm	±2 µm	●	75	2.8	14	60	625
293-243	75-100 mm	±2 µm		75	2.8	14	60	625
293-250-10	100-125 mm	±2 µm	●	132.8	5.3	16.7	76.5	600
293-251-10	125-150 mm	±2 µm	●	158.2	5.7	18.8	91	740
293-252-10	150-175 mm	±3 µm	●	183.6	6.1	19.1	102	800
293-253-10	175-200 mm	±3 µm	●	208.8	6.3	18.2	115	970
293-254-10	200-225 mm	±3 µm	●	234.2	6.7	16.8	127	1,100
293-255-10	225-250 mm	±4 µm	●	258	5.5	18	139	1,270
293-256-10	250-275 mm	±4 µm	●	284	6.5	18	152	1,340
293-257-10	275-300 mm	±4 µm	●	309	6.5	18	166	1,540

### Metric With ratchet thimble

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	c mm	Mass g
293-234	0-25 mm	±1 µm	●	0	2.8	9	25	270
293-244	0-25 mm	±1 µm		0	2.8	9	25	270
293-235	25-50 mm	±1 µm	●	25	2.8	9.8	32	330
293-245	25-50 mm	±1 µm		25	2.8	9.8	32	330
293-236	50-75 mm	±1 µm	●	50	2.8	12.6	47	470
293-246	50-75 mm	±1 µm		50	2.8	12.6	47	470
293-237	75-100 mm	±2 µm	●	75	2.8	14	60	625
293-247	75-100 mm	±2 µm		75	2.8	14	60	625

### Metric With friction thimble

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	c mm	Mass g
293-238	0-25 mm	±1 µm	●	0	2.8	9	25	270
293-248	0-25 mm	±1 µm		0	2.8	9	25	270

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

### Specifications

Accuracy	Refer to the list of specifications (excluding quantizing error)
Digital step	0,001 mm
Scales	Thimble and sleeve satin chrome finish, ø18 mm
Flatness	0,3 µm
Parallelism	1 µm for models up to 50 mm 2 µm for models up to 100 mm 3 µm for models up to 175 mm 4 µm for models up to 275 mm 5 µm for models over 300 mm
Measuring surfaces	Carbide tipped, micro-lap finish
Frame	Enamelled
Measuring spindle	With spindle lock, ø 6,35 mm, 0,5 mm pitch
Measuring force	5-10 N
Battery life	approx. 1.2 years
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward) certificate of inspection (0-50mm range)

### 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
06ADV380B	USB Input Tool Direct cable with data switch (2 m)

### Consumable spares

No.	Description
938882	Battery SR44

