

Digimatic Micrometer IP65

Series 293

- Inch/Metric Models, individual units
- With and without data output.



only for 0-1", 1-2"



293-334



With ratchet stop



With ratchet thimble



With friction thimble

Inch/Metric With ratchet stop

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	c mm	Mass g
293-330	0-1"	±1 µm/0.00005"	●	0	2.8	9	25	270
293-340	0-1"	±1 µm/0.00005"	●	0	2.8	9	25	270
293-331	1-2"	±1 µm /0.00005"	●	25	2.8	9.8	32	330
293-341	1-2"	±1 µm /0.00005"	●	25	2.8	9.8	32	330
293-332	2-3"	±1 µm/0.00005"	●	50	2.8	12.6	47	470
293-342	2-3"	±1 µm/0.00005"	●	50	2.8	12.6	47	470
293-333	3-4"	±2 µm/0.0001"	●	75	2.8	14	60	625
293-343*	3-4"	±2 µm/0.0001"	●	75	2.8	14	60	625
293-350-10	4-5"	±2 µm/0.0001"	●	132.8	5.3	16.7	76	600
293-351-10	5-6"	±2 µm/0.0001"	●	158.2	5.7	18.8	90	740
293-352-10	6-7"	±3 µm/0.00015"	●	183.6	6.1	19.1	102	800
293-353-10	7-8"	±3 µm/0.00015"	●	208.8	6.3	18.2	115	970
293-354-10	8-9"	±3 µm/0.00015"	●	234.2	6.7	16.8	127	1,100
293-355-10	9-10"	±4 µm /0.0002"	●	258	5.5	18	139	1,270
293-356-10	10-11"	±4 µm/0.0002"	●	284	6.5	18	152	1,340
293-357-10	11-12"	±4 µm/0.0002"	●	309	6.5	18	166	1,540

Inch/Metric With ratchet thimble

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	c mm	Mass g
293-334	0-1"	±1 µm/0.00005"	●	0	2.8	9	25	270
293-344	0-1"	±1 µm /0.00005"	●	0	2.8	9	25	270
293-345	1-2"	±1 µm/0.00005"	●	25	2.8	9.8	32	330
293-346	2-3"	±1 mm/0.00005"	●	50	2.8	12.6	47	470
293-347	3-4"	±2 µm/0.0001"	●	75	2.8	14	60	625

Inch/Metric With friction thimble

No.	Range	Accuracy	Data Output	L mm	a mm	b mm	c mm	Mass g
293-335	0-1"	±1 µm/0.00005"	●	0	2.8	9	25	270
293-348*	0-1"	±1 µm/0.00005"	●	0	2.8	9	25	270
293-336*	1-2"	±1 µm/0.00005"	●	25	2.8	9.8	32	330

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/0.00005" (up to 4") or 0,001 mm/0.0001" (over 4")
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 (0-50 mm)

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