Caliper Type Micrometers

SERIES 343, 143

FEATURES

- With Ratchet Stop for constant force.
- With SPC output (Series 343).
- With a standard bar except 0 - 25mm and 0 - 1″ model.
- Supplied in fitted plastic case.

143-121

343-250

SPC

Technical Data

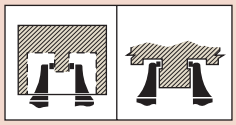
Accuracy: Refer to the list of specifications. (excluding quantizing error for digital models)
Resolution*: 0.001mm or .00005″/0.001mm
Graduation**: 0.01mm / .001″
Flatness: 0.3µm / .000012″
Parallelism: (3+R/75)µm, R=max. range (mm) [.00012″ + .00004″ (L/8)]″
L = Max, range (inch)
Measuring faces: Carbide tipped
Display*: LCD
Battery*: SR44 (1 pc.), **938882**
Battery life*: Approx. 1.2 years under normal use
*Digital models **Analog models

Function of Digital Model

Origin-set, Zero-setting, Data hold, Data output, inch/mm conversion (on inch/metric models only)
Alarm: Low voltage, Counting value composition error

Optional Accessories for Digital Model

05CZA662: SPC cable with data switch (1m / 40″)
05CZA663: SPC cable with data switch (2m / 80″)



SPECIFICATIONS

Metric Digital model

Range	Resolution	Order No.	Accuracy	Mass (g)
0 - 25mm	0.001mm	**343-250**	±5µm	630
25 - 50mm	0.001mm	**343-251**	±6µm	650
50 - 75mm	0.001mm	**343-252**	±7µm	1040
75 - 100mm	0.001mm	**343-253**	±8µm	1090

Inch / Metric Digital model

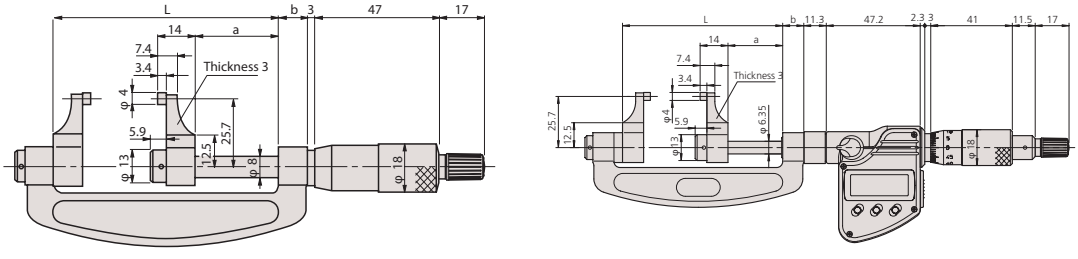
Range	Resolution	Order No.	Accuracy	Mass (g)
0 - 1" / 0 - 25.4mm	.00005" / 0.001mm	**343-350**	±.00025"	630
1 - 2" / 25.4 - 50.8mm	.00005" / 0.001mm	**343-351**	±.0003"	650
2 - 3" / 50.8 - 76.2mm	.00005" / 0.001mm	**343-352**	±.00035"	1040
3 - 4" / 76.2 - 101.6mm	.00005" / 0.001mm	**343-353**	±.0004"	1090

Metric

Range	Graduation	Order No.	Accuracy	Mass (g)
0 - 25mm	0.01mm	**143-101**	±5µm	210
25 - 50mm	0.01mm	**143-102**	±6µm	230
50 - 75mm	0.01mm	**143-103**	±7µm	280
75 - 100mm	0.01mm	**143-104**	±8µm	330
Models with a range up to 300mm are available.				

Inch

Range	Graduation	Order No.	Accuracy	Mass (g)
0 - 1"	.001"	**143-121**	±.00025"	210
1 - 2"	.001"	**143-122**	±.0003"	230
2 - 3"	.001"	**143-123**	±.00035"	280
3 - 4"	.001"	**143-124**	±.0004"	330

DIMENSIONS

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