

# 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

### 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

#### 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 / 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

#### 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



### Technical Data

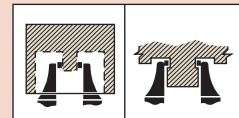
Accuracy: Refer to the list of specifications.  
(excluding quantizing error for digital models)  
Resolution\*: 0.001mm or .00005"/0.001mm  
Graduation\*: 0.01mm / .001"  
Flatness: 0.3μm / .000012"  
Parallelism: (3+R/75)μm, R=max. range (mm)  
[.00012" + .00004" (L/8)]"  
L = Max. range (inch)  
Measuring 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")



### DIMENSIONS

