

# Caliper-type Micrometers

## SERIES 343, 143

### Technical Data

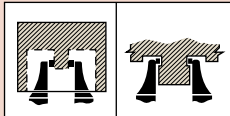
Accuracy: Refer to the list of specifications.  
 Resolution\*: 0.001mm or .00005"/0.001mm  
 Graduation\*\*: 0.01mm / .001"  
 Flatness: 0.3 $\mu$ m / .000012"  
 Parallelism: (3+R/75) $\mu$ m, R=max. range (mm)  
 [.00012" + .00004" (L/8)]"  
 L = Max. range (inch)  
 Measuring faces: Carbide tipped  
 Display\*: LCD  
 Battery\*: SR44 (1 pc.), **938882**  
 Battery life\*: Approx. 2.4 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)  
 Function lock  
 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")



### 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.
- Non-slip grip finish (digital models).



143-121



343-250-30

### SPECIFICATIONS

Metric		Digital model		
Range	Resolution	Order No.	Accuracy	Mass (g)
0 - 25mm	0.001mm	<b>343-250-30</b>	$\pm 5\mu$ m	630
25 - 50mm	0.001mm	<b>343-251-30</b>	$\pm 6\mu$ m	650
50 - 75mm	0.001mm	<b>343-252-30</b>	$\pm 7\mu$ m	1040
75 - 100mm	0.001mm	<b>343-253-30</b>	$\pm 8\mu$ m	1090

Inch / Metric		Digital model		
Range	Resolution	Order No.	Accuracy	Mass (g)
0 - 1" / 0 - 25.4mm	.00005" / 0.001mm	<b>343-350-30</b>	$\pm .00025"$	630
1 - 2" / 25.4 - 50.8mm	.00005" / 0.001mm	<b>343-351-30</b>	$\pm .0003"$	650
2 - 3" / 50.8 - 76.2mm	.00005" / 0.001mm	<b>343-352-30</b>	$\pm .00035"$	1040
3 - 4" / 76.2 - 101.6mm	.00005" / 0.001mm	<b>343-353-30</b>	$\pm .0004"$	1090

Metric				
Range	Graduation	Order No.	Accuracy	Mass (g)
0 - 25mm	0.01mm	<b>143-101</b>	$\pm 5\mu$ m	210
25 - 50mm	0.01mm	<b>143-102</b>	$\pm 6\mu$ m	230
50 - 75mm	0.01mm	<b>143-103</b>	$\pm 7\mu$ m	280
75 - 100mm	0.01mm	<b>143-104</b>	$\pm 8\mu$ m	330

Models with a range up to 300mm are available.

Inch				
Range	Graduation	Order No.	Accuracy	Mass (g)
0 - 1"	.001"	<b>143-121</b>	$\pm .00025"$	210
1 - 2"	.001"	<b>143-122</b>	$\pm .0003"$	230
2 - 3"	.001"	<b>143-123</b>	$\pm .00035"$	280

### DIMENSIONS

