



Technical Data

Accuracy: Refer to the list of specifications.

Resolution: 0.01mm or .0005"/0.01mm

Display: LCD

Length standard: ABSOLUTE electrostatic capacitance type linear encoder

Max. response speed: Unlimited

Battery: SR44 (1 pc.), **938882**

Battery life: Approx. 3.5 years under normal use

Function of Digital Model

Origin-set, Zero-setting, Data output,

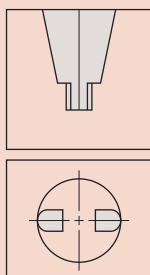
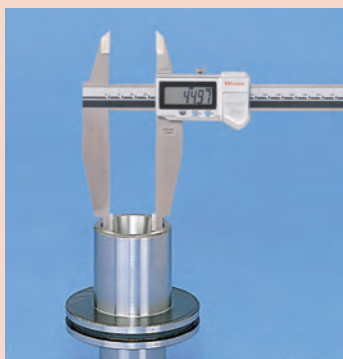
inch/mm conversion (on inch/metric models only)

Alarm: Low voltage, Counting value composition error

Optional Accessories for Digital Model

05CZA624: SPC cable with data switch (1m / 40")

05CZA625: SPC cable with data switch (2m / 80")



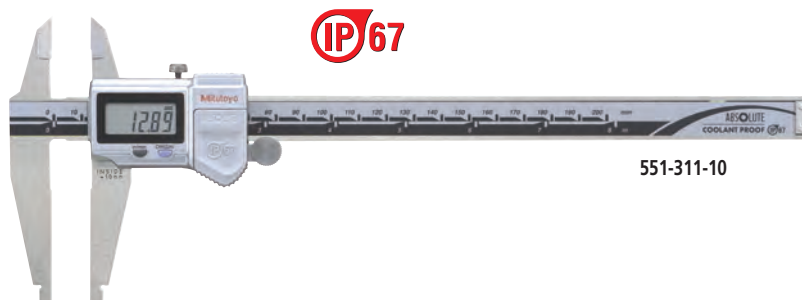
Round surface of jaws for accurate ID measurement

ABSOLUTE Digimatic Caliper

SERIES 551 — with Nib Style and Standard Jaws

FEATURES

- The rounded faces of the jaws are ideal for accurate ID (inside diameter) measurement.
- With SPC output.
- Supplied in fitted plastic holster in carton. 18" / 450mm and larger supplied wooden case.



551-311-10

SPECIFICATIONS

Metric Digital model

Range*	Order No.	Accuracy	Resolution	Mass (g)	Remarks
0 (10) - 200mm	551-301-10	±0.03mm	0.01mm	180	IP67
0 (10) - 300mm	551-331-10	±0.04mm	0.01mm	380	with offset/preset function for easy ID measurement, IP67
0 (20) - 500mm	551-204-10	±0.06mm	0.01mm	1,060	—
0 (20) - 750mm	551-206-10	±0.06mm	0.01mm	1,410	—
0 (20) - 1000mm	551-207-10	±0.07mm	0.01mm	3,430	—

*(): Minimum dimension in ID measurement

Inch/Metric Digital model

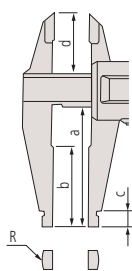
Range*	Order No.	Accuracy	Resolution	Mass (g)	Remarks
0 (.4") - 8" / 0 (10) - 200mm	551-311-10	±.001"	.0005" / 0.01mm	180	IP67
0 (.4") - 12" / 0 (10) - 300mm	551-341-10	±.002"	.0005" / 0.01mm	380	w/ offset/preset function for easy ID measurement, IP67
0 (.5") - 20" / 0 (20) - 500mm	551-224-10	±.0025"	.0005" / 0.01mm	1,060	—
0 (.5") - 30" / 0 (20) - 750mm	551-226-10	±.0025"	.0005" / 0.01mm	1,410	—
0 (1") - 40" / 0 (20) - 1000mm	551-227-10	±.003"	.0005" / 0.01mm	3,430	—

*(): Minimum dimension in ID measurement

DIMENSIONS

Series 551

Unit: mm



Range	a	b	c	d	R
0 - 8" / 0 - 200mm	60	43	8	30	5
0 - 12" / 0 - 300mm	90	68	10	40.1	5
0 - 20" / 0 - 500mm	150	115	15	56	10
0 - 30" / 0 - 750mm	150	115	15	56	10
0 - 40" / 0 - 1000mm	150	115	20	56	10