



Technical Data

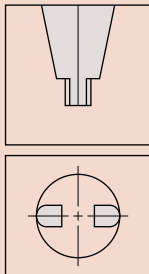
Accuracy: Refer to the list of specifications
 Resolution: 0.01mm or .0005"/0.01mm
 Display: LCD
 Length standard: ABSOLUTE electrostatic capacitance type linear encoder
 Max. response speed: Unlimited
 Battery: SR44 (1 pc.), **938882**
 Battery life: Approx. 3.5 years under normal use

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") IP67
05CZA625: SPC cable with data switch (2m / 80") IP67



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.



SPECIFICATIONS

Metric Digital model

| Range* | Order No. | Accuracy | Resolution | Mass (g) | Remarks |
|-----------------|---------------------|----------|------------|----------|---|
| 0 (10) - 200mm | 551-301-20 | ±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 ** Models are not IP67 rated

Inch/Metric Digital model

| Range* | Order No. | Accuracy | Resolution | Mass (g) | Remarks |
|--------------------------------|---------------------|----------|-----------------|----------|---|
| 0 (.4") - 8" / 0 (10) - 200mm | 551-311-20 | ±.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 ** Models are not IP67 rated

DIMENSIONS

Series 551 Unit: mm

| Range | a | b | c | d | R | T |
|----------------------|-----|-----|----|------|----|-----|
| 0 - 8" / 0 - 200mm | 60 | 43 | 8 | 30 | 5 | 3 |
| 0 - 12" / 0 - 300mm | 90 | 68 | 10 | 40.1 | 5 | 3.8 |
| 0 - 20" / 0 - 500mm | 150 | 115 | 15 | 56 | 10 | 6 |
| 0 - 30" / 0 - 750mm | 150 | 115 | 15 | 56 | 10 | 8 |
| 0 - 40" / 0 - 1000mm | 150 | 115 | 20 | 56 | 10 | 8 |