

## Digimatic Carbon Fiber Calipers

*Series 552 – Wide Range Models with a Lightweight Beam*



These large Digimatic Calipers have a beam constructed of a strong carbon fiber which makes them both durable and easy to handle. Standard jaws will take both outside

and inside dimensions. Optional attachments available for special measurements.

### Features

- Lightweight Digimatic caliper that employs CFRP (Carbon Fiber Reinforced Plastics) in the beam and jaws.
- The range of applications can be expanded by using the optional attachments.
- Display: 6-digit LCD with a minus sign (-)
- Functions include:  
Preset of desired starting point  
Inch/mm conversion

Zero-setting, Data hold, Error alarm, Low battery alarm, Data output. (Note: Data hold and output functions cannot be used at the same time.)

- Power supply: One SR44 (**541980**)
- Battery life: Approx. two years under normal use (Approx. one year in continuous operation)
- Provided with a data output port for connection with the SPC system.

### Specifications

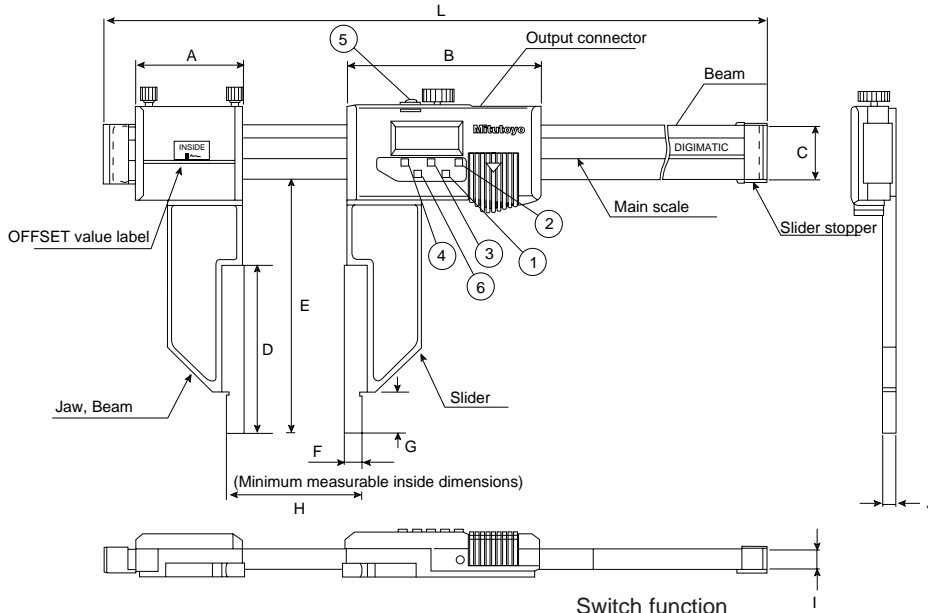
#### Digimatic Carbon Fiber Calipers

#### Inch/Metric (with SPC output)

Order No.	Range Outside	Range Inside	LCD Resolution	Accuracy	Remarks
552-160	0-18"	.5-18.5"	.0005"	±.003"	Jaw Depth: 7.9"
	0-450mm	12.7-462mm	0.01mm		
552-161	0-24"	.5-24.5"	.0005"	±.003"	Jaw Depth: 7.9"
	0-600mm	12.7-612mm	0.01mm		
552-165	0-18"	.5-18.5"	.0005"	±.002"	with Ceramic Jaws
	0-450mm	12.7-462mm	0.01mm		
552-166	0-24"	.5-24.5"	.0005"	±.002"	with Ceramic Jaws
	0-600mm	12.7-612mm	0.01mm		
552-311	0-12"	.5-12.5"	.0005"	±.0015"	
	0-300mm	12.7-312mm	0.01mm		
552-312	0-18"	.5-18.5"	.0005"	±.002"	
	0-450mm	12.7-462mm	0.01mm		
552-313	0-24"	.5-24.5"	.0005"	±.002"	
	0-600mm	12.7-612mm	0.01mm		
552-314	0-40"	1.0-41"	.0005"	±.003"	
	0-1000mm	25.4-1025mm	0.01mm		
552-315	0-60"	1.0-61"	.0005"	±.0035"	
	0-1500mm	25.4-1525mm	0.01mm		

For SPC output order Connecting Cable **905338** (1m) or **905409** (2m). Replacement Battery: **541980** (1 pc.), **541980-10** (10 pcs./SET)

# CALIPERS



- Switch function
- 1 ON/OFF
  - 2 ZERO
  - 3 OFFSET
  - 4 PRESET
  - 5 DATA/HOLD
  - 6 in/mm

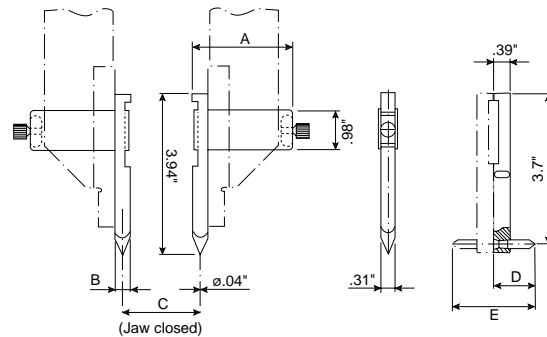
Dimensions (Unit: Inch)

Order No.	L	A	B	C	D	E	F	G	H	I	J
552-311	19.3	1.62	3.61	.98	2.56	3.94	.25	.71	.50	.31	.31
552-312	25.2	1.62	3.61	.98	2.56	3.94	.25	.71	.50	.31	.31
552-165	25.2	1.62	3.61	.98	2.56	3.94	.25	.71	.50	.31	.31
552-160						7.9					
552-313	31.1	1.62	3.61	.98	2.56	3.94	.25	.71	.50	.31	.31
552-166	31.1	1.62	3.61	.98	2.56	3.94	.25	.71	.50	.31	.31
552-161						7.9					
552-314	48.8	2.47	4.8	1.26	3.94	5.90	0.50	.94	1.00	.47	.31
552-315	68.5	2.47	4.8	1.26	3.94	5.90	0.50	.94	1.00	.47	.31

## OPTIONAL JAW ATTACHMENTS

- 914016 Attachment clamp for 12", 18", 24" models (1pc.)
- 914048 Attachment clamp for 40" & 60" models (1pc.)
- 880099 Centerline attachment (1pc.)
- 914018 Inside point attachment (1pc.)

NOTE: One attachment clamp is required for each jaw attachment piece ordered.



### DIMENSIONS

- 914016 — 2.05"
- A 914048 — 2.44"
- B 880099 — .40"
- C 880099 — .40"
- D 914018 — 1.0"
- E 914018 — 2.0"