

# MICROMETERS

## Specifications

### Digimatic Micrometers—Rotating Spindle Types

#### Inch/Metric

Order No.	Range	LCD Resolution	Accuracy	Remarks
293-330	0–1" 0–25.4mm	.00005" 0.001mm	±.00005"	with SPC output Ratchet Stop IP65
293-331	1–2" 25.4–50.8mm	.00005" 0.001mm	±.00005"	with SPC output and Standard Ratchet Stop IP65
293-332	2–3" 50.8–76.2mm	.00005" 0.001mm	±.00005"	with SPC output and Standard Ratchet Stop IP65
293-333	3–4" 76.2–101.6mm	.00005" 0.001mm	±.0001"	with SPC output and Standard Ratchet Stop IP65
293-751-30	4–5" 101.6–127.0mm	.0001" 0.001mm	±.0001"	with SPC output and Standard Ratchet Stop
293-752-30	5–6" 127.0–152.4mm	.0001" 0.001mm	±.0001"	with SPC output and Standard Ratchet Stop
293-753-30	6–7" 152.4–177.8mm	.0001" 0.001mm	±.00015"	with SPC output and Standard Ratchet Stop
293-754-30	7–8" 177.8–203.2mm	.0001" 0.001mm	±.00015"	with SPC output and Standard Ratchet Stop
293-755-30	8–9" 203.2–228.6mm	.0001" 0.001mm	±.00015"	with SPC output and Standard Ratchet Stop
293-756-30	9–10" 228.6–254.0mm	.0001" 0.001mm	±.0002"	with SPC output and Standard Ratchet Stop
293-757-30	10–11" 254.0–279.4mm	.0001" 0.001mm	±.0002"	with SPC output and Standard Ratchet Stop
293-758-30	11–12" 279.4–304.8mm	.0001" 0.001mm	±.0002"	with SPC output and Standard Ratchet Stop
293-771	12–13" 304.8–330.2mm	.0001" 0.001mm	±.00025"	with SPC output and Standard Ratchet Stop
293-772	13–14" 330.2–355.6mm	.0001" 0.001mm	±.00025"	with SPC output and Standard Ratchet Stop
293-773	14–15" 355.6–381.0mm	.0001" 0.001mm	±.00025"	with SPC output and Standard Ratchet Stop
293-774	15–16" 381.0–406.4mm	.0001" 0.001mm	±.0003"	with SPC output and Standard Ratchet Stop
293-775	16–17" 406.4–431.8mm	.0001" 0.001mm	±.0003"	with SPC output and Standard Ratchet Stop
293-776	17–18" 431.8–457.2mm	.0001" 0.001mm	±.0003"	with SPC output and Standard Ratchet Stop
293-777	18–19" 457.2–482.6mm	.0001" 0.001mm	±.00035"	with SPC output and Standard Ratchet Stop
293-778	19–20" 482.6–508.0mm	.0001" 0.001mm	±.00035"	with SPC output and Standard Ratchet Stop
293-335	0–1" 0–25.4mm	.00005" 0.001mm	±.00005"	with SPC output Friction Thimble IP65
293-336	1–2" 25.4–50.8mm	.00005" 0.001mm	±.00005"	with SPC output & Standard Friction Thimble IP65

## Specifications

#### Inch/Metric (IP65)

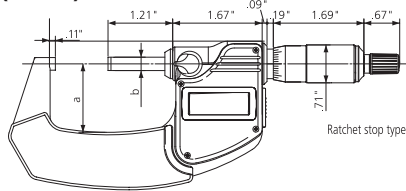
Order No.	Range	LCD Resolution	Remarks
293-960	0–3" (3 pcs set) 0–76.2mm	.00005" 0.001mm	with SPC output & Standard (3 pcs Micrometer SET) Ratchet Stop IP65
293-961	0–4" (4 pcs set) 0–101.6mm	.00005" 0.001mm	with SPC output & Standard (4 pcs Micrometer SET) Ratchet Stop IP65

SPC Cable IP65: **05CZA662** (1m), or **05CZA663** (2m).

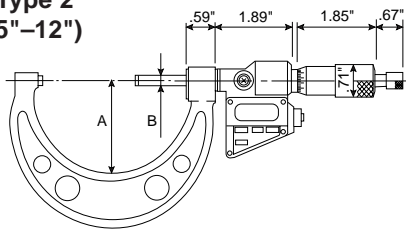
# MICROMETERS

## Digimatic Micrometer Sets Rotating Spindle

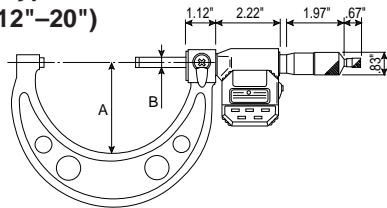
**Type 1  
(0"-4")**



**Type 2  
(5"-12")**



**Type 3  
(12"-20")**



### Dimensions

Type 1			Type 2			Type 3			
Range	A	B	Range	A	B	Range	A	B	
0-1"	.98"	.25"	5-6"	3.70"	.25"	12-13"	7.36"	.315"	
0-25mm			6-7"	4.17"		13-14"	7.38"		
1-2"			1.26"	7-8"		4.65"	14-15"		8.34"
25-50mm			1.85"	8-9"		5.12"	15-16"		8.81"
2-3"			2.36"	9-10"		5.63"	16-17"		9.29"
50-75mm				10-11"		6.15"	17-18"		9.76"
3-4"		11-12"	6.66"	18-19"	10.27"				
75-100mm				19-20"	10.74"				

Available  
only on  
these models:

**293-344**  
**293-349**  
**293-369**  
**293-370**  
**293-371**  
**293-372**



\*NEW RATCHET FRICTION THIMBLE  
Internal "Positive Clicking" ratchet mechanism for constant measuring pressure.

### Specifications

**Metric Only Reading (No inch/mm function, metric thimble) IP65**

Order No.	Range	LCD Resolution	Accuracy	Remarks
293-230	0-25mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-231	25-50mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-232	50-75mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-233	75-100mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-234	0-25mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-235	25-50mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-236	50-75mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-237	75-100mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop
293-238	0-25mm	0.001mm	±0.001mm	with SPC output & Standard Ratchet Stop

SPC Cable IP65: **05CZA662** (1m), or **05CZA663** (2m).

Replacement Battery: **541980** (1pc), **541980-10** (10pcs/SET).