

# Tube Micrometers

## SERIES 395, 295, 115— Spherical and Cylindrical Anvils

### Technical Data

Accuracy: Refer to the list of specifications.  
(excluding quantizing error for digital models)  
Flatness: 0.6μm / .000024"  
Display\*: LCD  
Battery\*: SR44 (1 pc.), **938882**  
Battery life\*: Approx. 1.2 years under normal use  
Dust/Water protection level\*: IP65  
\*Digital models \*\*Analog models

### Function of Digital Model

Origin-set, Zero / ABS, Data hold, Data output,  
inch/mm conversion (on inch/metric models only)  
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

- IP65 water/dust protection (Series 395).
- Designed to measure the wall thickness of various tubing.
- The Tube Micrometers have two combinations of measuring faces (carbide-tipped): spherical-flat type, and spherical-spherical type.
- With Ratchet Stop for constant force.
- With SPC output (Series 395).
- With digit counter (Series 295).
- With a standard bar except 0 - 25mm and 0 - 1" model.
- Supplied in fitted plastic case.

### Pin Anvil Type



395-261

### Metric Digital model with cylindrical anvil

Range	Resolution	Order No.	Accuracy	Remarks	Mass (g)
0 - 25mm	0.001mm	<b>395-261</b>	±3μm	Type A	270
		<b>395-262</b>	±3μm	Type B	270
		<b>395-263</b>	±3μm	Type C	310
		<b>395-264</b>	±3μm	Type D	310

### Inch/Metric Digital model with cylindrical anvil

Range	Resolution	Order No.	Accuracy	Remarks	Mass (g)
0 - 1" / 0 - 25.4mm	.00005" / 0.001mm	<b>395-362</b>	±.00015"	Type B	270
		<b>395-363</b>	±.00015"	Type C	310
		<b>395-364</b>	±.00015"	Type D	310

### Metric Mechanical counter model

Range	Graduation	Order No.	Accuracy	Remarks	Mass (g)
0 - 25mm	0.01mm	<b>295-302</b>	±3μm	Type A	210

### Inch Mechanical counter model

Range	Graduation	Order No.	Accuracy	Remarks	Mass (g)
0 - 1"	.0001"	<b>295-313</b>	±.00015"	Type C	210
		<b>295-314</b>	±.00015"	Type D	210

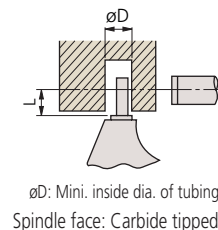
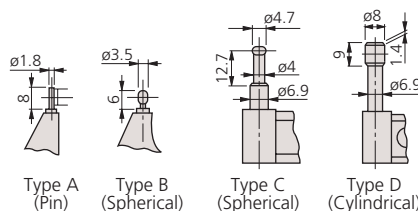
### Metric With cylindrical anvil

Range	Graduation	Order No.	Accuracy	Remarks	Mass (g)
0 - 25mm	0.01mm	<b>115-302</b>	±3μm	Type A	180
		<b>115-308</b>	±3μm	Type B	180
		<b>115-315</b>	±3μm	Type C	180
		<b>115-316</b>	±3μm	Type D	180
25 - 50mm	0.01mm	<b>115-303</b>	±3μm	Type A	240
		<b>115-309</b>	±3μm	Type B	240

### Inch With cylindrical anvil

Range	Graduation	Order No.	Accuracy	Remarks	Mass (g)
0 - 1"	.001"	<b>115-305</b>	±.00015"	Type A	180
	.0001"	<b>115-313*</b>	±.00015"	Type C	180
	.0001"	<b>115-314*</b>	±.00015"	Type D	180

\*.0001" reading is obtained with vernier.



Anvil	D	L
Type A	2	4
Type B	3.6	4
Type C	4.8	12
Type D	8.2	22