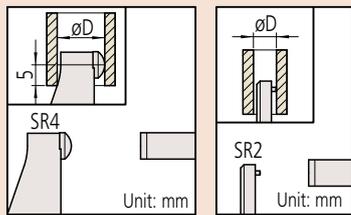




Applicable models: series 395

Measurement example



Other than 115-101      115-101

Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type <b>IT-020U</b>
05CZA662	B	Connection cable for <b>series 395</b> (1 m)
05CZA663	B	Connection cable for <b>series 395</b> (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD730G	IP67	<b>U-WAVE-T</b>
02AZD880G	Buzzer	<b>U-WAVE-T</b>
02AZE200	—	<b>U-WAVE-T</b> mounting bracket
02AZD790B	B	Connection cable for <b>U-WAVE-T</b> (160 mm)
02AZE140B	B	Connection cable for <b>U-WAVE-T</b> For foot switch
264-622	IP67	<b>U-WAVE-TM</b>
264-623	Buzzer	<b>U-WAVE-TM</b>
264-626	IP67	<b>U-WAVE-TMB</b>
264-627	Buzzer	<b>U-WAVE-TMB</b>
02AZF310	IP67	Connecting unit for <b>U-WAVE-TM/TMB</b>

Tube Micrometers  
**SERIES 395, 115, 295**

• The spherical anvil-type micrometer is convenient for measuring cylindrical workpieces. The spherical anvil comes into contact with a workpiece at a point instead of a surface area, thus increasing measurement accuracy.

- IP65 water/dust protection (**series 395**).
- Equipped with Ratchet Stop for constant measuring force.



395-251-30

SPECIFICATIONS

Metric					
Code No.	Range (mm)	Resolution (mm)	Maximum permissible error $J_{MPE}$ ( $\mu$ m)	$\phi$ D (mm)	Flatness (Spindle) ( $\mu$ m)
Digimatic					
395-251-30	0 - 25	0.001	$\pm 2$	$\phi 15$	0.3
395-252-30	25 - 50			$\phi 19$	
395-253-30	50 - 75			$\phi 20$	
395-254-30	75 - 100			$\pm 3$	

Inch/Metric					
Code No.	Range (in)	Resolution	Maximum permissible error $J_{MPE}$ (in)	$\phi$ D (in)	Flatness (Spindle) (in)
Digimatic					
395-351-30	0 - 1	0.00005 in/ 0.001 mm	$\pm 0.0001$	$\phi 0.59$	0.00012
395-352-30	1 - 2			$\phi 0.75$	
395-353-30	2 - 3			$\phi 0.75$	
395-354-30	3 - 4			$\pm 0.00015$	

- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
  - Battery life: Approx. 2.4 years under normal use
  - Position detection method: Electromagnetic rotary sensor
  - Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models), Spanner (**301336**), 1 pc.
- Note: For functional details, refer to page 02-7.  
Optional connection cable is available only for water-proof type (Digimatic model).



115-115

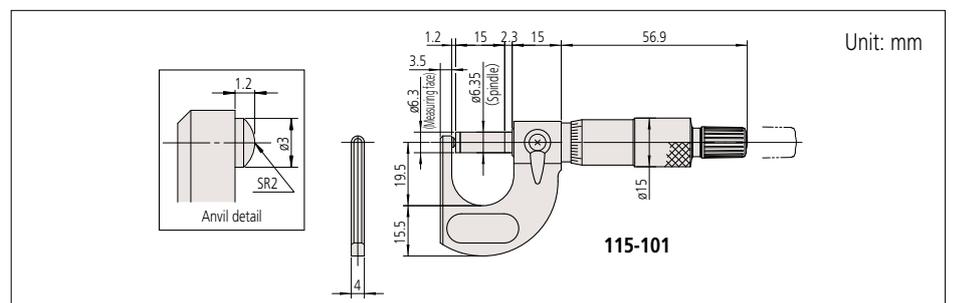
SPECIFICATIONS

Metric					
Code No.	Range (mm)	Graduation (mm)	Maximum permissible error $J_{MPE}$ ( $\mu$ m)	$\phi$ D (mm)	Flatness ( $\mu$ m)
Analog					
115-101	0 - 15	0.01	$\pm 3$	$\phi 5.5$	0.6
115-115	0 - 25			$\phi 10$	
115-116	25 - 50			$\phi 11$	
115-117	50 - 75			$\phi 17$	
115-118	75 - 100			$\pm 4$	
Mechanical counter model					
295-115	0 - 25	0.01	$\pm 3$	$\phi 10$	0.6

Inch					
Code No.	Range (in)	Graduation (in)	Maximum permissible error $J_{MPE}$ (in)	$\phi$ D (in)	Flatness (in)
Analog					
115-153	0 - 1	0.0001	$\pm 0.00015$	$\phi 0.40$	0.000024
Mechanical counter model					
295-153	0 - 1	0.0001	$\pm 0.00015$	$\phi 0.40$	0.000024

- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 15 mm / 0 to 25 mm (0 to 1 in) models)  
Spanner (**200168**), 1 pc. (for **115-101**), Spanner (**301336**), 1 pc. (for models other than **115-101**)

DIMENSIONS



115-101