

# Scale, Glass (CHROME)

These extremely accurate MICRORULES are ideally suited for direct measurement of two dimensional parts and axial calibration of Optical Measuring Systems that would normally require extensive setup and expensive capital equipment.

The MICRORULE English/Metric patterns are formed in very durable, double layer chrome deposited on select .225" (5.7mm) thick, soda lime glass. The glass is fully supported by low reflection aluminum extrusion side rails and end caps to protect the glass from damage during normal shop use.

The dual English/metric scale pattern allows the user to accurately extrapolate measurements to a fraction of the smallest division on either scale.

Scale patterns are in direct contact with the film or part being measured and the measurements are taken directly by the user through the viewing magnifiers. Therefore, there are no off-scale reading errors or compensating adjustments required as is the case with indirect, off-axis reading systems.

One 20X magnifier is provided on the 6"/152mm MICRORULE with .001"/.025mm division, and one 12X magnifier is provided on the other 6"/152mm MICRORULE. Two 12X magnifiers are provided on the 12"/305mm, 25"/634mm and 40"/1016mm MICRORULES. This allows the user to recheck two set points without touching the work surface, the part, or moving anything on the MICRORULE.

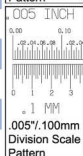
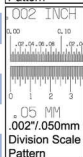


40" (1016mm)

25" (634mm)

12" (305mm)

6" (152mm)



Catalog Number	Divisions Scale	Pattern Length	Overall Length	Line-to-line Accuracy	Overall Accuracy	Weight
MX27001	.001"/.025mm	6"/152mm	8.84" (225mm)	±20 microns	±1.0 microns	4 lb. (1.8kg)
MX27002	.002"/.050mm	6"/152mm	8.84" (225mm)	±.0001" (.00254mm)	±.00020" (.00508mm)	4 lb. (1.8kg)
MX27003	.005"/.100mm	6"/152mm	8.84" (225mm)	±.0001" (.00254mm)	±.00020" (.00508mm)	4 lb. (1.8kg)
MX27011	.001"/.025mm	12"/305mm	14.84" (377mm)	±.0001" (.00254mm)	±.00020" (.00635mm)	10 lb. (4.6kg)
MX27004	.002"/.050mm	12"/305mm	14.84" (377mm)	±.0001" (.00254mm)	±.00025" (.00635mm)	10 lb. (4.6kg)
MX27005	.005"/.100mm	12"/305mm	14.84" (377mm)	±.0001" (.00254mm)	±.00025" (.00635mm)	10 lb. (4.6kg)
MX27010	.001"/.025mm	25"/634mm	27.84" (707mm)	±.0001" (.00254mm)	±.00025" (.00635mm)	16 lb. (7.3kg)
MX27006	.002"/.050mm	25"/634mm	27.84" (707mm)	±.0001" (.00254mm)	±.00030" (.00762mm)	16 lb. (7.3kg)
MX27007	.005"/.100mm	25"/634mm	27.84" (707mm)	±.0001" (.00254mm)	±.00030" (.00762mm)	16 lb. (7.3kg)
MX27008	.002"/.050mm	40"/1016mm	42.85" (1088mm)	±.0001" (.00254mm)	±.00040" (.01016mm)	22 lb. (10kg)
MX27009	.005"/.100mm	40"/1016mm	42.85" (1088mm)	±.0001" (.00254mm)	±.00040" (.01016mm)	22 lb. (10kg)

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