



You think
WE MEASURE

ToolMAKERS Microscope



SIPCON INSTRUMENT INDUSTRIES

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ToolMAKERS Microscope

SIPCON STM

is the compact high precision

industrial microscope

featuring simplified operation.

It has been developed for

use in the plants manufacturing

precision components, such as

moldings,

microcomponents,

electronic components,

semiconductors etc.

A wide range of accessories

are provided for making almost

all industrial measurements possible.



Model No.	STM	
Optical Head	Monocular (Binocular for camera attachment)	
Measuring Range	50mm X 50mm X 70mm	
Objective Lens	Standard: 2X	Optional: 3X, 4X, 5X
Eyepiece	Standard: WF 15X (with cross hair)	Optional: WF 10X, WF 20X
Magnification	Standard: 30X	Optional: Upto 100X
Linear Accuracy	3 + L/200 μ m	
Repeatability	± 2 μ m	
Workstage Size	160mm X 160mm for micrometers and 260mm X 260mm for D.R.O. and software	
Measuring Range or Travel	50mm X 50mm for micrometers and 100mm X 100mm for D.R.O. and software	
Measurement Method	Micrometer/ D.R.O. / Software	
Resolution	5 μ m / 1 μ m / 0.5 μ m	
Eyepiece Protector	0-360° with adjustable vernier of least count 6 mins.	
Focusing Range	100mm	
Illumination	Contour: Built-in Base Halogen Lamp	Surface: Incident Light from 2 Halogen Lamps
Optional Hardware		
A. Workpiece Holding Devices	Micrometer Measuring Rotary Stage, Center Holding Device, V.Block, Vee Support.	
B. Depth Measuring Attachment	For precise measurement of height/depth of any specimen (Z-Axis).	
C. Measuring Reticles	MR-200 Metric Coarse Thread 0.25-1.0mm, MR-201 Metric Coarse Thread 1.25-2.0mm, MR-202 Concentric Table 0.05mm-4.0mm, MR-203 55 Angle, MR-204 60 Angle, MR-205 Whitworth 60-26 TPI, MR-206 Whitworth 24-18 TPI,.	
D. FME Filar Micrometer Eyepiece	Having 10X magnification with movable measuring line and cross hair adjustable by micrometer knobs reading 0.01mm and stage micrometer (Detailed leaflet on request).	
E. PROJECTION ATTACHMENT	Comprising of a projection screen dia 90mm; to be placed on the viewing eyepiece inclined at 30° and you can get a sharp focused image for measurement.	