



# TOOL MAKER MICROSCOPE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



## **TM-50**

**DESCRIPTION:**

Our **TM-50** Tool Makers Microscope designed as per international standards and offers wide range of application which include dimensional, angle and contour measurements of miniature parts as well as inspection of mechanical surfaces, Erect Image, Observation Tube - Monocular inclined at 30°. It is an ideal measuring instrument for simplifying inspection and precision measurement of diameter, forming tools, gauges as well as templates checking of thread and angles.

**TECHNICAL SPECIFICATIONS:**

Model No	TM-50
Magnification	30x (Standard)
Objective	2x Achromatic
Eyepiece	WF 15x with Cross reticule
Objective Tube	Monocular inclined at 30
Eyepiece Protector	Graduated 0 to 360 with adjustable Vernier reading to 6 min. Cross reticule incorporated in the protector Head rotating in the optical axis of the microscope.
Measuring Stage	152mm x152mm size assembled on ball bearing guides to provide accurate and smooth stage stroke up to 50mm in each direction with the use of gauge blocks.
Micro Head	Standard Micro Head 0-25mm, least count 0.01mm.
Illumination	SUB-STAGE LAMP emits transmitted light from bottom source equipped with collimated green filter Halogen light. OBLIQUE ILLUMINATORS with relief structure are also provided.
Dimensions/Weight	450x300x400mm/16kgs.
<b>Complete Microscope is supplied in Wooden storing Cabinet with vinyl cover, spare bulb cord, gauge Blocks and operating Manual.</b>	