



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

TOOL MAKER MICROSCOPE WITH DRO-RTM901A

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Product Description:

- Toolmaker microscopes satisfies the increasing industrial requirements on measurements. The well designed basic unit with long working distance objectives, wide field eye pieces and a tele centric illumination system have been engineered for long period comfortable operation. It is an ideal instrument for simplifying inspection of forming tools, gauges-template checking, thread inspection verification of tool angles etc.

Features:

- Both transmitted and reflected Illumination intensity can be adjusted.
- Angle measurement is performed easily by turning the angle scale disc to align the Cross-hair reticule with the work piece image.
- Bright field observation, clear and flare less image, wide field of view.
- Different XY stages with variable travel ranges are available
- Comparison of thread forms with master profiles engraved in the eyepiece, measurement of pitch and effective diameter.
- Comparison of an enlarged, projected image with a tracing fixed to the projecting screen.

Technical Specification

•Observation Tube	: Monocular, 45° inclined
•Head	: Graduated eyepice protractor, 360° graduated
•Base	: Large and haavy base provides extra over all rigidity to the instrument
•Stage	: 300mm. x 200mm. size assembled on ball bearing guide to provide accurate and smooth stage provided with D.R.O. (Digital Read Out) least : count 1 micron to 5 micron.
•Illumination	: Sub-Stage Lamp emits transmitted light from a bottom source equipped with collimated green filter Halogen Light Circular LED light, Two : knob for different illumination are arranged with variable control on front panel.
•Objective	: 2x achromatic, 3x optional.
•Eyepieces	: WF 15x with cross reticle.
•Accessories	: Different optional accessories are available.

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

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