

PROFILE PROJECTOR



Profile Projector Model RPP-250 is a bench type model suitable for all types of measurements and inspection for use in different industries. Its multilayer coated projection lenses provide high transmission with optimum contrast, suitable for contour & surface images. The equipment ensures high accuracy in dimensional & surface inspection.

Both Episcopic and Diascopic illuminators designed on halogen bulb system are provided to ensure brilliant projection on fine ground glass screen, rotatable through 360° with vernier reading to six minute of an arc. The screen has cross & detachable clips to hold comparator charts. A precision micrometer measuring stage with Rotary measuring stage is mounted on the table.

Circular graduated scale is divided into 360° in steps of one degree with vernier reading to 6 minutes. Lifelong smooth movement is ensured with the incorporation of hard steel balls both in longitudinal and transverse slides.

SPECIFICATIONS

Magnification : 10X (Standard)
Screen Diameter : 250 mm.
Field of View : 25 mm.
Working Distance : Contour / Surface 50 mm.
Illumination :

PROFILE PROJECTOR (Model RPP - 250)

CONTOUR ILLUMINATOR 24V/150W (Halogen)

A Green filter incorporated into the optical system, is specially convenient as it reduces eye strain, improves contrast and eliminates any trace of residual chromatic aberration. The light source with halogen lamp offers increased contrast, extended life span and improved edge resolution. The lamp is cooled by turbine type silent fan. Light intensity control system allows different intensity of illumination as per the requirement.

SURFACE ILLUMINATOR 12V / 100W (HALOGEN)

Double light source with dichroic halogen lamp (cold reflector type) with faceted surface for bright illumination. Heat absorbing filters are incorporated to the system as standard equipment, thereby avoiding excessive over heating of the piece being inspected. Surface illumination can be used simultaneously with contour projection.

Cooling : Built-in noiseless and vibration free cooling fan is provided.
Cross Travel Stage : Size 125 x 125 mm.

Table Travel upto 35 x 35 mm. (with the use of Gauge Blocks). Micro-Head Standard 0-25mm. least count 0.01 mm. Rotary Measuring Stage Glass diameter 62 mm.

Dimensions/Weight : Nett 55x35x86 cm. / 38 Kgs. Gross 74x46x 94 cm. / 80 kgs.
Furnished Accessories : Power Supply Cord, Vinyl cover, Fuse, Bulbs, Silicon Cloth & Operating Manual.

Optional Accessories : Digital Micrometers 0-25mm. LC 0.001 mm., spare halogen bulbs 24V/150W, 12V/100W & Objectives lenses 20x & 50x



Manufacturers & Exporters :

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As we are continuously improving & developing our products, equipment supplied may be advanced in details than the description and/or illustrations shown in this Catalogue.

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