



# PROFILE PROJECTORS

**RPP-Series**



RPP-33

RPP-44

**FLOOR MODELS WITH DUAL ILLUMINATION FOR  
CONTOUR AND SURFACE PROJECTION**

**HIGH CONTRAST, CLEAR IMAGE AND ACCURATE MAGNIFICATIONS**



# PROFILE PROJECTORS

## RPP-Series

### Floor Models with dual illumination for contour and surface projection

RADICAL Profile Projectors Model RPP-33 & RPP-44 are designed to facilitate high contrast contour and surface measurements of relatively large objects ensuring high accuracy in dimensional measurements, surface inspection to meet the critical demands of industries. The versatility of these models lie in sharp, crisp, brilliant and well defined magnified images suitable for edge to edge inspection and measurements. The Projectors are having an inclined, unobstructed screen in front, allowing close examination and comfortable viewing position. The cross travel stage with large working area offers high precision in straightness for each axis movement and in squareness for cross travel. The stage moves smoothly on the linear bearings.

#### Model RPP-33 & RPP-44

**SCREEN** Antiglare hard glass screen, graduated & rotatable through 360 degree having least count 1 minute of an arc. Provided with four clips to hold overlay charts and drawings.

**MIRRORS** Optically true with surface hard coated to ensure optimum light reflection for best image contrast, long life and edge to edge sharpness on the projection screen.

**CONTOUR ILLUMINATION** Contour illumination is provided with a 24V/150W halogen lamp having a built in condenser system. The illumination can be adjusted through a solid state transformer.

**EPI-ILLUMINATION** A specially designed 12V/100W halogen light ensures uniform surface illumination system for the above. This provides shadow less light on the optical axis for inspection of cavities etc.

**ELECTRICAL** Mains input 220-240 volts AC having built in transformers, On-Off Switch, variable intensity controller for both illumination system, indicator and glass fuse.

**ACCURACY** Projection accuracy  $\pm 0.1\%$  for contour illumination and  $\pm 0.15\%$  for surface illumination.

MODEL	RPP-33	RPP-44
SCREEN SIZE	350mm	500mm
LENSES	10x Objective (Standard)	10x Objective (Standard)

WORK STAGE	RPP-33	RPP-44
Over all size	150mm x 150mm	300mm x 200mm
Cross Movement	50mm x 50mm (without measuring units)	150mm x 100mm (without measuring units)
Measurement	By standard micrometer heads 0-25mm	By fine zero adjustment micrometer head 0-50mm
Least count	0.01 mm	0.001 mm

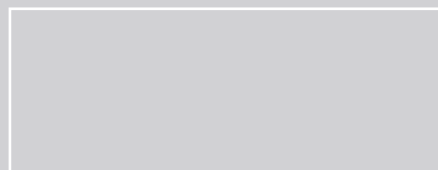
Supplied complete as above, with standard multilayer coated objective, spare bulb, a vinyl cover and operating instructions manual.

**OPTIONAL ACCESSORIES** Objectives 20x and 50x, V-Block with clamp, Swivel Center Support Holder, Digital Readout System, Digital Protractor, Work Stage, Calibrated Glass Scales, Standard Overlay Charts etc.

Manufacturers & Exporters :

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RADICAL/JUNE/2010/AB