

Product Name :
Profile Projectors

Product Code :
ELAB-MTE0010



Description :

Profile Projectors

Technical Specification :

Profile projector is widely used for complex shape stampings, gears, cams, threads and comparing the measured contour model.

It's easy to use and highly efficient.

It is a commonly used measurement of optical instruments.

The projector magnifies the profile of the specimen, and displays this on the built-in projection screen.

On this screen there is typically a grid that can be rotated 360° so the X-Y axis of the screen can be aligned with a straight edge of the machined part to examine or measure.

Thus, profile projector is widely used in major machinery manufacturing including aviation, aerospace industry, watches and clocks, electronics, instrumentation industry, research institutes and detection metering stations at all levels and etc.

SPECIFICATION:

Contour Illumination

24V–150W Halogen Lamp. Telocentric system and sharp twin lens condenser for each magnification bright adjustment.

Surface Illumination

12V – 50W Halogen lamp with reflector.

Magnification

10 x and 20 x.

Work Stage

Table 200x200mm. X & Y axis, Traverse 25mm in each direction having least count .01 mm.

Magnification Accuracy

$\pm 0.1\%$ for contour and $\pm 0.15\%$ for surface.

Screen Diameter

300mm. fine ground screen with cross line.

Rotatable

0 to 360° vernier reading 2 minutes.

Cooling System

Built in noiseless and vibration free blower for powerful cooling system

Power Supply

220 / 240V AC., 50 / 60 Hz., Fuse 5A.

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers