



Horizontal Profile Projector

IEICOS Horizontal Profile Projector – HPP 200

IEICOS Profile Projectors is an optical instrument used in a small parts machine shop or production line for the quality control inspection team or in engineering institutions for teaching students. The projector magnifies the profile of the specimen, and displays the profile of the part being examined on the built-in projection screen. A grid present on the screen can be rotated 360 degrees so that the X-Y axis of the screen can be aligned with a straight edge of the machined part to examine or measure and for calculating linear measurements. Simple measurements may be taken for distances from one point to other point on the magnified profile of the specimen.

The part being examined is illuminated by diasopic illumination, also called transmitted illumination, which is lighting from behind. If the specimen is opaque, the light will not go through it, but will form a profile of the specimen. Measuring of the sample can be done on the projection screen.



Specifications:

Screen Dia :	200 mm
Magnification :	10X standard
Work Stage :	175 mm x 175 mm
Stroke :	25 mm x 25 mm
Measurement :	Micrometers
Measurement Accuracy :	35 microns + L/55
Illumination :	100 W
Illumination Accuracy :	0.05 %
Weight :	50 Kg
Power :	230 V AC +/- 10% 50 Hz

Optional Features (on request at additional cost):

Magnification:	20X, 50X
Stroke :	50 mm x 50 mm

IEICOS Advanced Horizontal Profile Projector –AHPP-200

Specifications – same as above but with encoders and digital display of measurement co-ordinates.

IEICOS Computerized Profile Projectors

IEICOS offers advanced state-of-the-art computerized profile projectors with computer interface and display software

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