



"Optronics" Horizontal Profile Projector (OPT-4025H)

Brand: Optronics

Category: Profile Projector

Horizontal Profile Projector
Model: OPT-4025H

Measuring Range:
X=250mm Y=150mm Z=100mm

Features of Machine:

- Horizontal Profile Projector OPT-4025H Ø400mm is a photoelectric measuring system of high precision and efficiency.
- It is widely used in the trade of mechanism, mould, tool, electricity and light industry.
- It is a must in the checking department and workshop.
- The instrument can inspect all kinds of surface and outline of the complicated work-pieces, such as template, cam tread, milling cutter and so on.

Specifications:

Measuring Range	250mm x 150mm
Resolution	0.5µm (0.0005mm)
Working Table	450mm x 150mm
Turning Range	±15°
The Indication Error of Coordinate (µm)	(4+L/25)
Lens Magnification	10x
Projector Screen	Ø400
Screen Rotary Range	0° ~ 360°
Rotary Angle Resolution	1' or 0.01°
Machine Dimension Including Base	L=1215mm x W=646mm x H=1210mm
Machine Weight	240kg
Data Processing System	DC-3000 multi-function data processing system
Illumination	24V/150W-halogen lamp
Reflection	21V/150W-halogen lamp (by two fibers)
Power	110V/220V (AC) 50/60Hz Total Power=400W
Cooling	By three fans

Technical Data:

Model	OPT-4025H
The metal table's size (mm)	450 x 200
X-axis travel (mm)	250
Y-axis travel (mm)	150
Z-axis travel (mm)	100 (for focus)
Turning range	±15°
Resolution (X-axis, Y-axis)	0.5µm
The indication error of coordinate (µm)	≤(4+L/25) *L is the length of the work pieces to be measured, unit: mm
Screen size (mm)	Ø400
Screen rotary range (mm)	0° ~ 360°
X-axis travel (mm)	1' or 0.01°
Optical Magnification	Control By Software (LED)
Image Magnification	0.7X ~ 4.5X
	28X ~ 180X
Dimension (L) x (W) x (H) mm	1215 x 646 x 1210
Weight Unit: kg	240
Data Processing System	DC-3000 multi-function data processing system, appearing in English, can be used to gather the data and measure the point, line, circle, angle and distance
Illumination	The illumination of transmission: 24V/150W - Halogen lamp The illumination of reflection: 21V/150W-halogen lamp (by two fibers)
Power	110V/220V (AC) 50/60Hz Total Power = 400W
Options	Mini printer, Edge detector, M2D software and so on.