MechTro

"Optronics" Horizontal Profile Projector OPT-3020H

Brand: Optronics

Category: Profile Projector

Horizontal Profile Projector
Model: OPT-3020H

Measuring Range:

X=200mm Y=100mm Z=75mm

Features of Machine:

- Horizontal Profile Projector OPT-3020H Ø300mm 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.

Measuring Range	200mm x 100mm
Resolution	0.5μm (0.0005mm)
Working Table	400mm x 150mm
Turning Range	±15°
The Indication Error of Coordinate (μm)	(4+L/25)
Lens Magnification	10x
Projector Screen	Ø 300
Screen Rotary Range	0° ~ 360°
Rotary Angle Resolution	1' or 0.01°
Machine Dimension Including Base	L=1090mm x W=585mm x H=1010mm
Machine Weight	160kg
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

Model		OPT-3020H
Working Table	The metal table's size (mm)	400 x 150
	X –axis travel (mm)	200
	Y –axis travel (mm)	100
	Z –axis travel (mm)	75 (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
Projector Screen	Screen size (mm)	Ø300
	Screen rotary range (mm)	0° ~ 360°
	X –axis travel (mm)	1' or 0.01°
Lens		Control By Software (LED)
	Optical Magnification	0.7X ~ 4.5X
	Image Magnification	28X~ 180X
Dimension	(L) x (W) x (H) mm	1090 x 585 x 1010
Weight	Unit: kg	160
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.	