



PV-5110-Series 304-Profile Projectors

Series 304

Features

- Large 500mm screen
- Floor model that uses a downward illumination system.
- Digital readout protractor screen (including zero-setting, ABS/INC coordinate switching functions) for easy and error-free angle measurement.
- Angled screen allows projected images to be easily traced or compared with a template.
- The oblique surface illumination system provides clear and bright images, allowing easy inspection of non-reflective workpieces such as plastic parts or printed materials.

Optional Accessories

172-401: 5X projection lens set

172-406: 5X projection lens

172-402: 10X projection lens set (standard accessory)

172-409: 10X projection lens

172-403: 20X projection lens set

172-411: 20X projection lens

172-404: 50X projection lens set

172-413: 50X projection lens

172-405: 100X projection lens set

172-415: 100X projection lens

172-419: Surface illuminator

172-422: Surface illumination unit (standard accessory)

172-116: Standard scale (50mm)

172-117: Standard scale (2")

172-118: Standard scale (200mm)

172-119: Standard scale (8")

172-161: Reading scale (300mm)

172-329: Reading scale (600mm)

172-162: Reading scale (12")

172-160-2: Green filter(standard accessory)

172-319: Canopy

512305: Halogen bulb (24V, 150W) (standard accessory)

510189: Vinyl cover (standard accessory)

Fixture and Stage accessories

172-196: Rotary table* (Effective diameter: 4" / 100mm)

172-198: Rotary table with fine feed wheel* (Effective diameter: 4" / 100mm)

172-197: Swivel center support* (Max. workpiece dia.: 3.1" / 80mm)

176-107: Holder with clamp*

172-378: V-block with clamp* (Max. workpiece dia.: 1" / 25mm)

*Fixture mount adapter (999678) is required.

QM-Data200

264-155A: Stand mount type

264-156A: Arm mount type 2-D data processing unit.


332-151:Optoeye: Edge detection system for QM-Data 200

12AAE672: Detector Attachment B



PV-5110 with
optional KA counter

Specifications

Model No	PV-5110
Order No	304-919A
Image	
Projected Image	Invert image
Protractor Screen	Effective diameter: 20" / 508mm Screen material: Fine ground glass Reference line: Cross hair line Screen rotation: ±360°, fine feed and clamp Angle display (LED): Resolution: 1' or 0.01°(switchable), Range: ±370° Functions: Absolute/incremental mode switching, Zero set
Projection Lens	Standard accessory: 10x(172-472) Optional accessories: 5X, 20X, 50X, 100X
Magnification accuracy	Contour illumination: ±0.1% or less Surface illumination: ±0.15% or less
Contour	Light source: Halogen bulb(24V 150W)

Illumination	<p>Optical system: Zoom telecentric system Functions: 2-step brightness switch, Heat-absorbing filter, Cooling fan</p>
Surface Illumination	<p>Light source: Halogen bulb(24V 150W) Optical system: Vertical illumination Functions: Adjustable condenser lens. Oblique illumination (for 5X, 10X, and 20X),2-step brightness switch, Heat-absorbing filter, Cooling fan XY Range: 8 x 4" / 200 x 100mm Resolution: .0001" / 0.001mm Measuring Unit: Built in Linear scale Table size: 15 x 9.8" / 380 x 250mm Effective table area: 10.5 x 6.7" / 266 x 170mm Max. work piece load: 11lbs / 5kg</p>
Power Supply	120V AC, 50/60Hz
Mass	467lbs/210kg
Standard Accessories	<p>200x100mm (8" x 4") stage, 10x projection lens set, Surface illumination unit. Counter stand for KA counter, power cord, halogen bulb, tube fuse, grounding wire, allen key</p>