

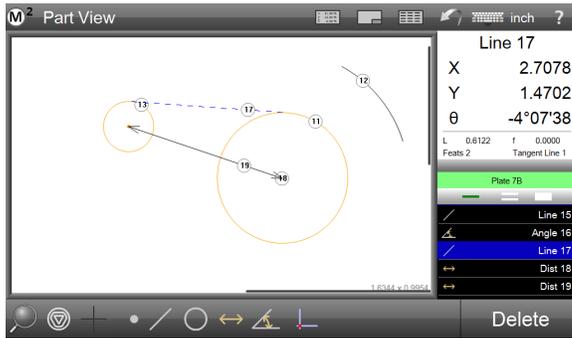
PH-A14

Profile Projector and 2D Processor Packages

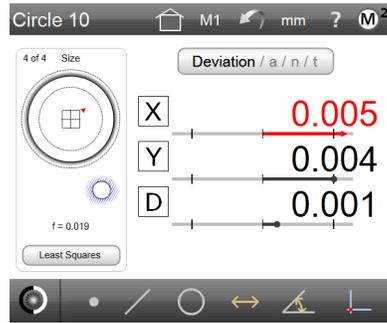
Horizontal projector equipped with highly accurate linear glass scales and touch screen M2 geometric measurement display



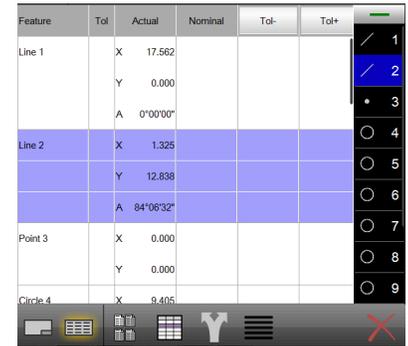
OPTICAL MEASURING



Graphics-based "Part View" constructions
Generate popular construction types, like Distances and Tangent Lines, from within the graphical part view.



Geometric tolerancing
Measure features, set nominals, apply tolerances and view deviation results with only a few quick clicks.



Reports Flexibility for report contents and formatting allows for full customization of the data format, header information, and header and footer graphics.

Features:

- ø14" Screen, Horizontal Projector
- 8" x 4" Travel T Slot table for accessories
- Linear Glass Scales for accurate movement
- Profile and Fiber Optic Surface Illumination
- Easy to use all-in-one PC Touch Screen Display
- M2 Geometric 2D Measurement Software
- Optional Edge Detection (64PKA155) for fast and repeatable measurements

FULL PACKAGES	
Order No.	Description
64PKA154	PH-A14 PROFILE PROJECTOR - WITH TOUCH SCREEN M2 GEOMETRIC DISPLAY
64PKA155	PH-A14 PROFILE PROJECTOR - WITH OPTICAL EDGE DETECTION AND TOUCH SCREEN M2 GEOMETRIC DISPLAY
RETROFIT PACKAGES	
64PKA156	M2 2D Data Processing Unit with software and hardware including a tablet PC. Also includes installation and calibration on the customer's existing PH-A14
64PKA157	M2 2D Data Processing Unit with Edge Detection software and hardware including a tablet PC. Also includes installation and calibration on the customer's existing PH-A14

(Includes installation and A2LA accredited calibration)

PH-A14 Specifications

Model No.	PH-A14	
Base Unit	172-810-10A*	
Projected Image	Inverted image	
Protractor screen	Effective diameter	14" /356mm
	Screen material	Fine ground glass
	Reference line	Cross hair line
	Screen rotation	±360°, fine feed and clamp
	Angle display	Vernier reading, Resolution: 2'
Projection lens	Standard accessory: 10x(172-011), Optional accessories: 20X, 50X, 100X	
Magnification accuracy	Contour illumination	±0.1% or less
	Surface illumination	±0.15% or less
Contour illumination	light source	Halogen bulb(24V 150W)
	Optical system	Telecentric system
	Functions	Heat-absorbing filter, Cooling fan
Surface illumination	light source	Halogen bulb(24V 150W)
	Optical system	Twin fiber optic illumination
XY Stage	Table travel (X-axis)	8" / 203.2mm
	Table size(X, Z)	16 x 6" / 407 x 153mm
	Vertical travel (Y-axis)	4" / 101.6mm
	Resolution	.00005" / 0.001mm*
	Measuring Unit	Built in Linear scale
	Max. workpiece width	See (L) on page I-12
Max. workpiece load	100lbs / 45kg	
Power supply	120V AC, 50/60Hz	
Mass	308lbs / 140kg	
Standard accessories	10x projection lens set, work stage, power cord, halogen bulb,fuse, grounding wire, allen wrench	

*Counter not included



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- Test Equipment and Seismometers
- Digital Scale and DRO Systems
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