

Y Probing Solutions Inc.

MANIPULATOR MATRIX

Model Number	Resolution	Travel	Pitch/ Yaw and Roll Travel: 5° at 8" (200mm) of extension. Resolution: < 2.0 um/ degree of knob rotation	Pitch/ Yaw Travel: 5° at 8" (200mm) of extension. Resolution: < 2.0 um/ degree of knob rotation	12 Axis Arm	Suggested Probing Applications	Supplied With
P SERIES		Wafer Probing					
P32-VM	< 2.3 um/ DEGREE OF KNOB ROTATION w/ 32 TPI	1" (25MM) XYZ				Wafer Probing, bond pad	Quick Z Nose, 1" Collet Shaft, Closer
P40-VM	< 2.0 um/ DEGREE OF KNOB ROTATION w/ 40 TPI	1" (25MM) XYZ				Wafer Probing, bond pad	Quick Z Nose, 1" Collet Shaft, Closer
P100-VM	< 1.0 um/ DEGREE OF KNOB ROTATION w/ 100 TPI	1" (25MM) XYZ				Failure Analysis Design Verification	Quick Z Nose, 1" Collet Shaft, Closer
P200-VM	< 0.38 (SUB-MICRON) / DEGREE OF KNOB ROTATION w/ 200 TPI	1" (25MM) XYZ				Failure Analysis Design Verification	Quick Z Nose, 1" Collet Shaft, Closer
GP SERIES		Horizontal Board Test, Microwave, Biological					
GP-35-R-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)				User Configurable General Purpose Testing	
GP-45-L-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)				User Configurable General Purpose Testing	
GP-35-R-12AR-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)			X	Horizontal Board Test Biological	Quick Mount & Release Universal Probe Holder
GP-45-L-12AL-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)			X	Horizontal Board Test Biological	Quick Mount & Release Universal Probe Holder
GP2-35-R-12AR-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)		X	X	Microwave Fine Pitch PCB Probing	Quick Mount & Release Universal Probe Holder
GP2-45-L-12AL-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)		X	X	Microwave Fine Pitch PCB Probing	Quick Mount & Release Universal Probe Holder
GP3-35-R-MW-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)	X			Microwave Fine Pitch Probing	Adjustable Rigid Microwave Probe Arm
GP3-45-L-MW-V	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)	X			Microwave Fine Pitch Probing	Adjustable Rigid Microwave Probe Arm
SI SERIES		Horizontal/Verticle Board Test					
SI-12AR-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)	X		X	Vertical / Horizontal PCB and Microwave	Quick Mount & Release Universal Probe Holder
SI-12AL-VM	< 2.0 um/ DEGREE OF KNOB ROTATION and 40 TPI	1.25" (31.75mm)	X		X	Vertical / Horizontal PCB and Microwave	Quick Mount & Release Universal Probe Holder

