

MANIPULATORS



DATA SHEET

MA-8005

The MA-8005 is a small footprint, general purpose manipulator primarily used to probe I/O pads. It has independent X, Y and Z travel of 8 mm. Thumbscrews are used to move each axis and the manipulator is affixed to the platen via a magnetic or vacuum base. Available in left hand and right hand models.



FEATURES AND BENEFITS

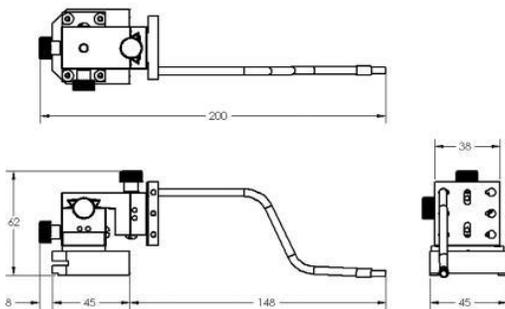
- Small footprint
- Adjustable faceplate provides additional Z travel
- Uses all SemiProbe standard DC, HF and Optical probe arms
- > 20 independent manipulators can be placed on the platen
- Ideal for I/O bond pad probing (> 50 μm x 50 μm)

SPECIFICATIONS

Feature resolution:	10 μm
Travel Range (X,Y,Z):	8/8/8 mm
Screw resolution (X,Y,Z):	40 TPI (threads per inch) .025 per turn continuous
Mounting:	Vacuum, Magnetic
Dimensions:	62 x 39 x 59 mm (L, W, H)
Weight:	200 grams
Applications:	General purpose DC measurements Ideal for applications that require >8 manipulators

Note: Data and specifications vary depending on probe system configurations and accessories

PHYSICAL DIMENSIONS



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