

MANIPULATORS



DATA SHEET

MA-8000

The MA-8000 is a small footprint, multi-purpose manipulator primarily used to probe I/O pads for numerous DC, High Frequency and Optoelectronic applications. It is rigidly built to handle additional stress when using heavy high frequency probes and cables. It has independent X, Y and Z travel of 12 mm. Thumbscrews are in-line, which enables placement anywhere around the platen opening without restriction. Precision, high quality 440 stainless steel ball bearings provide precise linear motion on all three axes.



FEATURES AND BENEFITS

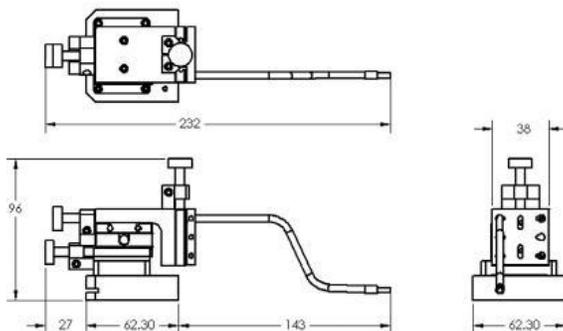
- Multi-Purpose - easily converted to meet a variety of applications
- Adjustable faceplate provides additional Z travel
- Uses all SemiProbe standard DC, HF and Optical probe arms
- > 8 independent manipulators can be placed on the platen
- Ideal for I/O bond pad and internal probing (>10 μm x 10 μm)

SPECIFICATIONS

Feature resolution:	5 μm
Travel Range (X,Y,Z):	12/12/12 mm
Screw resolution (X,Y,Z):	80 TPI (standard), 100 TPI (optional)
Mounting:	Vacuum, Magnetic
Dimensions:	88 x 52 x 96 mm (L, W, H)
Weight:	550 grams
Applications:	General purpose DC & HF measurements with appropriate probe arms

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

PHYSICAL DIMENSIONS



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