

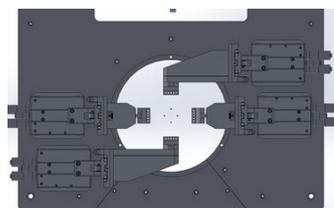
MANIPULATORS



DATA SHEET

MA-8500

The MA-8500 is the most versatile multi-purpose High Frequency (HF) manipulator available. It is heavy duty and primarily used to probe I/O pads for numerous DC, High Frequency and Optoelectronic applications. It is rigidly built to handle additional mechanical stress when using HF probes, multi-contact wedges, cables and test instrumentation. Tuners, bias network adaptors, and extension modules can be mounted via adaptor plates to the face plate, top or side of the manipulator. It has independent X, Y and Z travel. Micrometers are in-line, which enables placement anywhere around the platen opening without restriction – eliminating the need for dedicated left or right manipulators. Linear cross roller guides provide precise motion on all three axes.



FEATURES AND BENEFITS

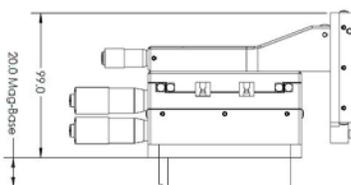
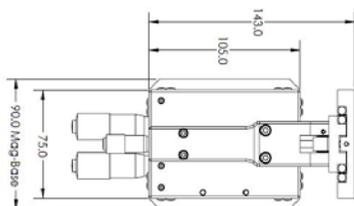
- Four (4) MA-8500 HF manipulators will fit on our standard platen – eliminating special and costly rectangular platens and inserts
- 8 manipulators can be placed on the platen (4 HF and 4 DC)
- Uses all SemiProbe standard DC, HF and Optical probe arms
- Available with 50 TPI micrometer, differential or motorized drives – field upgradeable
- Ideal for I/O bond pad and internal probing (>50 x 50 um)

SPECIFICATIONS

Feature resolution:	10 µm
Travel Range (X,Y,Z):	25/25/10mm
Screw resolution (X,Y,Z):	50 TPI (standard), 80 TPI (optional) via micrometer, differential or programmable drives
Mounting:	Magnetic, Bolt-down
Dimensions:	200 x 90 x 99 mm (L, W, H)
Weight:	2.5 Kg
Applications:	General purpose High Frequency (HF) measurements with appropriate probe arms

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

Detailed Dimensions



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