

# GigaProbes(tm) Micro Manipulator Adapter

Ordering Part Number: GPMMA

**Adapter for attaching GigaProbes™ to popular Micro Manipulators used with Probe Stations or Desktop probing**

## BENIFITS

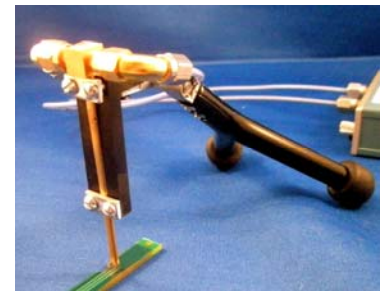
- ◆ Hold Probe to Probing Location to Free up hands to Operate Test Equipment
- ◆ Compatible with most Micro Positioners
- ◆ Setup Multiple TDR Probes
- ◆ Apply Consistent Pressure on probe for Repeatable TDR Measurements
- ◆ Order As An Option Or as an accessory from [www.gigaprobes.com](http://www.gigaprobes.com) 650 593-7083

The GigaProbes Micro Manipulator Adapter (GPMMA) makes it easy to attached your GigaProbes™ to your micro positioner. A groove in the adapter the size of the twin-axial probe body and specially located cross bars keeps the cable tension off of the twin SMA connectors, preventing it from separating from the Twin-axial probe body and permanently damaging the probe.

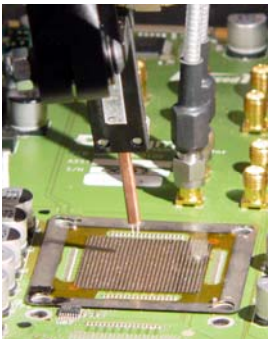
The adapter is compatible with most probe positioners if it has a screw hole on the end of the positioner arm. Below the GPMMA is hooked up to several popular manipulators from Cascade Microtech, LeCroy, and Probing Solutions.



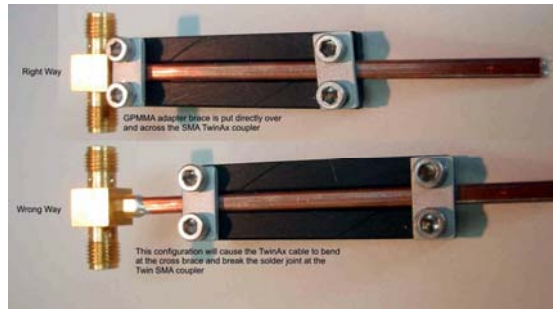
GPMMA attached to LeCroy FreeHand probe holder for simple probing requirements



GPMMA attached to Cascade Microtech EZ Probe positioner



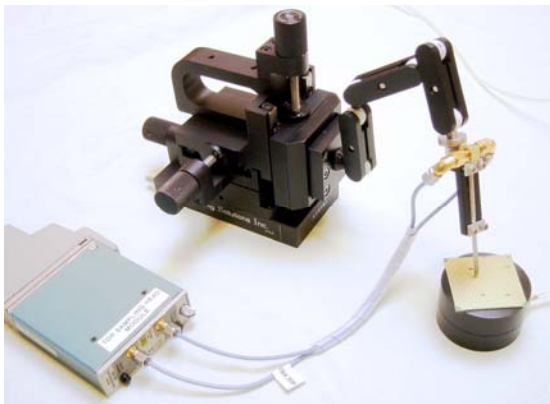
Probing a 40 GHz Test Socket  
Conductive Diamond interposer  
from Giga Connections, Inc



The top configuration is the correct method to attach the probe to the GPMMA. This configuration reduces stress on the probe body and connector.



Use the 5x magnification lens, part of the GigaProbes Accessory kit to view the probe location.



GPMMA attached to Probing Solution GP35-12AL-VM (vacuum) or M (magnetic) 12 axis articulating arm. General Purpose L/H Manipulator with precise 40 TPI X,Y&Z Control

X, Y, Z Axis:

- Travel: 1.25 inches (31.75 mm)
- Resolution: < 2um/degree of knob rotation
- Hand Formable Articulating Arm with an 8" Reach.
- Convenient Handle for Carry and Positioning, helps prevent dropping.
- Vacuum Mount Base with Vacuum Release Switch
- Equipped with Quick Change Probe Holder Mounting Feature
- Includes: Quick Mount Pencil, Universal and Pico Probe Holders
- Well suited for Horizontal & Vertical Applications; such as Signal Integrity Test, Flat Panel Display Test, Microwave Board and Chip level Test and Biological Tool Manipulation.
- Weight: 4 lbs. · Five year limited warranty