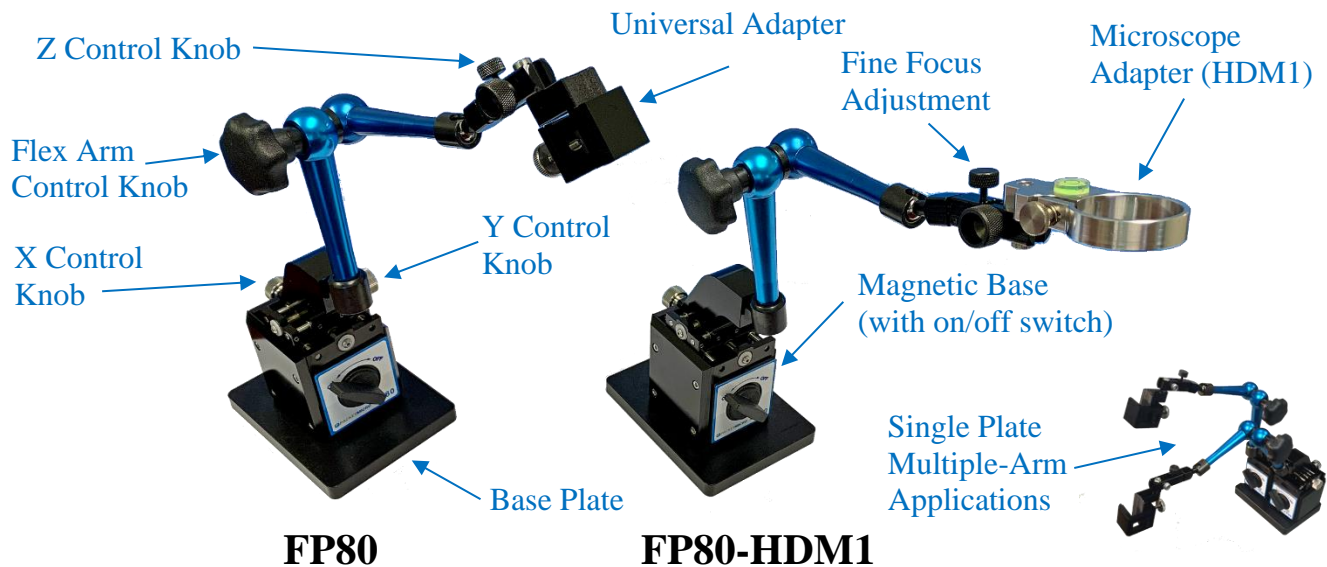


## Flex Positioner FP80

The low-cost, versatile positioner with XY position adjustment



### Articulated-arm Positioner for Oscilloscope Probes

- Easy-to-manipulate arm controlled by a single thumbscrew
- Independent XY stage for fine adjustment of probe position
- Universal adapter with opening up to 16 mm
- Long-reach arm (271 mm / 10.7")
- Base with on-off magnetic switch for metallic surface
- Base plate with rubber bottom for nonmetallic surface
- Multiple FP80 units can be attached to a single plate for multiple-arm applications

Flex Positioner FP80 is a versatile, low-cost positioner for holding a variety of test probes, especially the widely used oscilloscope probes. Using the articulated arm for coarse positioning first and then controlling the fine position adjustment with the XY stage and probe force with Z-axis knob, one can make good test measurements with reliable probe contact. The magnetic switch at the base can be turned on and off for the ease of moving the FP80. An additional metal base plate with anti-static rubber bottom allows FP80 to extend the long flexible arm in full length as it stands on a regular nonmetallic bench.

### Specifications

- Articulated arm:** 3 links and 3 joints controlled by a single thumb knob
- Arm Length:** 271 mm/10.7 in
- XY-stage Adjustment:** 16 mm, 500  $\mu\text{m}/\text{turn}$  (50 TPI, 5  $\mu\text{m}$  resolution)
- Size:** 355 (H Max) x 330 (L max) x 70 W (mm)  
14" (H max) x 13" (L Max) x 2.8" W
- Weight:** 1.6 kg/3.5 lb.
- Base Plate:** 120 mm x 91 mm x 10 mm  
(4.7" L x 3.6" H x 0.45" W), 0.82 kg/1.8 lb.
- Part Number:**
  - FP80: FP80 with universal adapter
  - FP80-HDM1: FP80 with microscope adapter

### About PacketMicro

PacketMicro, headquartered in Silicon Valley, provides one-stop shopping for your needs in PCB probing and signal-integrity analysis. Its product offering includes a wide range of rugged RF probes up to 40 GHz, patented probe positioners, DIY bench-top probe stations, flexible phase-stable RF cables, digital microscopes, and AITT signal-integrity analysis tools for interconnect de-embedding. PacketMicro customers include many Fortune 100 companies in 30+ countries. For more information, please visit [www.packetmicro.com](http://www.packetmicro.com).