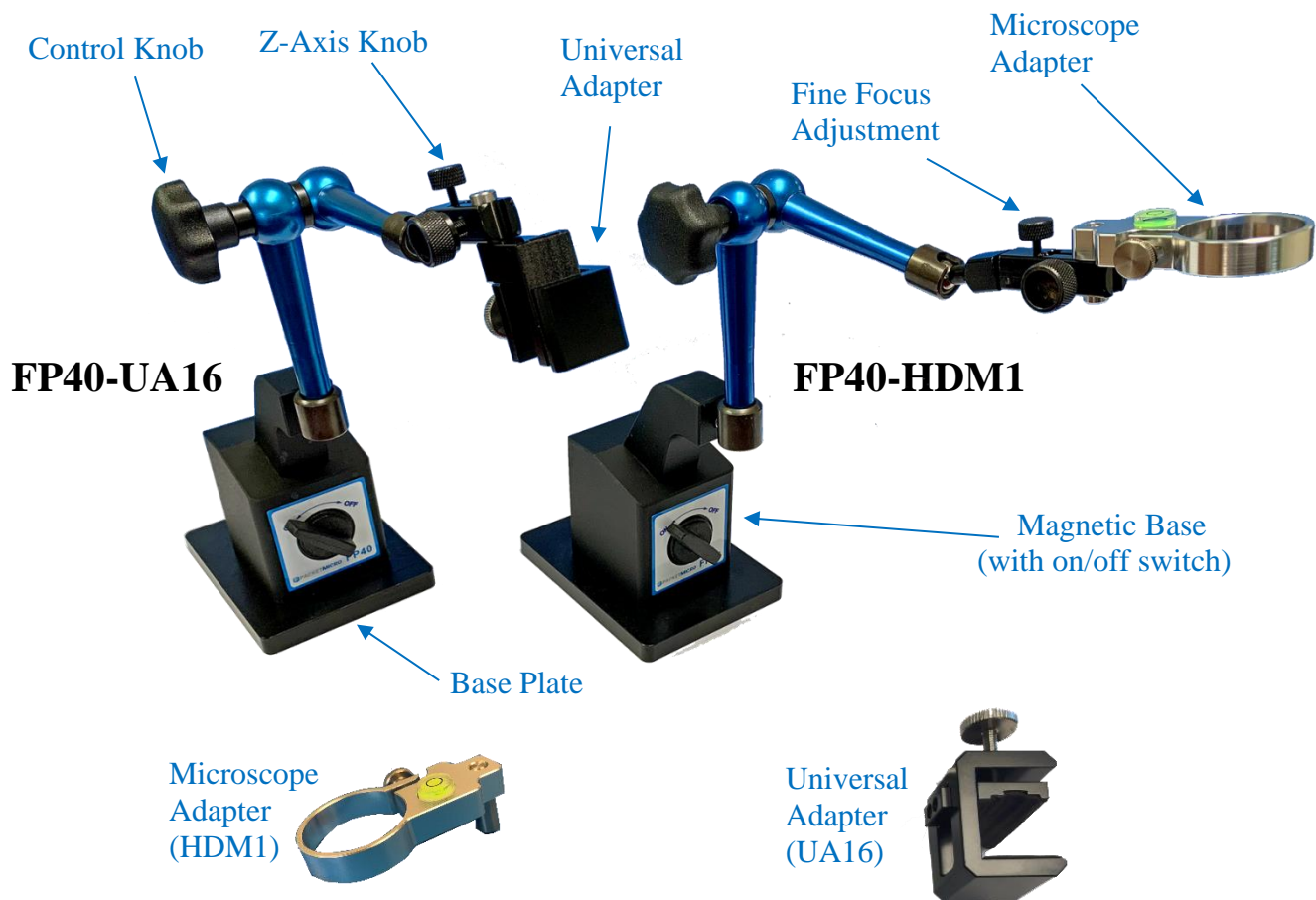


Flex Positioner FP40

The low-cost, versatile positioner for microscopes and probes



Articulated-arm Positioner for Probes and Microscopes

- Multiple-arm configuration
- Articulated arm controlled by a single thumb knob
- Various changeable adapters
- Long-reach arm (300 mm / 12")
- Base with on-off magnetic switch and base plate with rubber bottom for stability

Flex Positioner FP40 is designed as a low-cost positioner to hold solder-type, connector tips, and single-ended probes. Using the articulated arm for coarse positioning first and then controlling the probe force with Z-axis knob, one can make good test measurements with reliable probe contact. With HDM1 adapter, it can hold USB microscopes from Dino-Lite. On a metallic surface, the magnetic base can be switched on to keep the whole positioner tightly to its position. And as the magnetic switch is turned off, it can be moved or lifted to a new location with ease.

An additional metal base plate with anti-static rubber bottom allows FP40 to extend the long flexible arm in full length as it stands on a regular nonmetallic bench. Its articulated arm is controlled by one thumb knob at the middle joint that keeps the arm firm and steady.

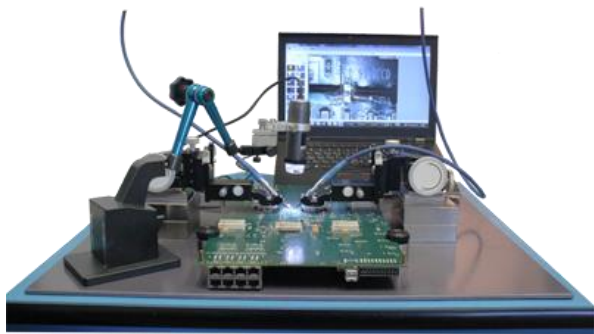
The perfect holder for microscope

The long-reach arm and flexible joint make the Flex Positioner FP40 ideal for holding any digital microscope. Unlike other USB microscope holders that require multiple adjustments to lock the microscope into position, FP40 can be quickly positioned in a wide variety of configurations by tightening a thumb knob.

With HDM1 adapter specifically for Dino-Lite microscopes and small lockable magnetic base, FP40 ensures engineers can place the microscope close to DUT to facilitate accurate probing.



FP40-HDM1 holding a Dino-Lite USB microscope



FP40-HDM1 holding a USB microscope for RF measurement

Specifications

Articulated arm: 3 links and 3 joints

controlled by a single thumb knob

Arm Length: 271 mm/10.7 in

Size: 355mm (H Max) x 330mm (L max) x 70mm W
 14" (H max) x 13" (L Max) x 2.8" W

Weight: 1.3 kg/3.2 lb.

Base Plate: 4.7" x 3.6" x 0.45" (120 mm x 91 mm x 10.5 mm), 1.8 lb. (0.82 kg)

Part Number:

- FP40-HDM1: FP40 with microscope adapter
- FP40-UA16: FP40 with universal adapter



FP40-UA16 holding an RF Probe

Accessories

- Microscope adapter (HDM1): 47 mm (L) x 38 mm (W) x 10 mm (H)
- Universal adapter (UA16): Opening 7 – 16 mm, 25.4 mm (L) x 27 mm (W) x 35 mm (H)

Dino-Lite Microscopes available from PacketMicro (an authorized reseller)

- USB Microscope (AF4515ZTL): 10x - 140x, 1.3 megapixel, Long Working Distance (LWD), polarizer, Automatic Magnification Reading (AMR)
- USB Microscope (AM4113ZTL): 10x - 140x, 1.3 megapixel, LWD, polarizer

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. PacketMicro customers include many Fortune 100 companies in 30+ countries. For more information, please visit www.packetmicro.com.