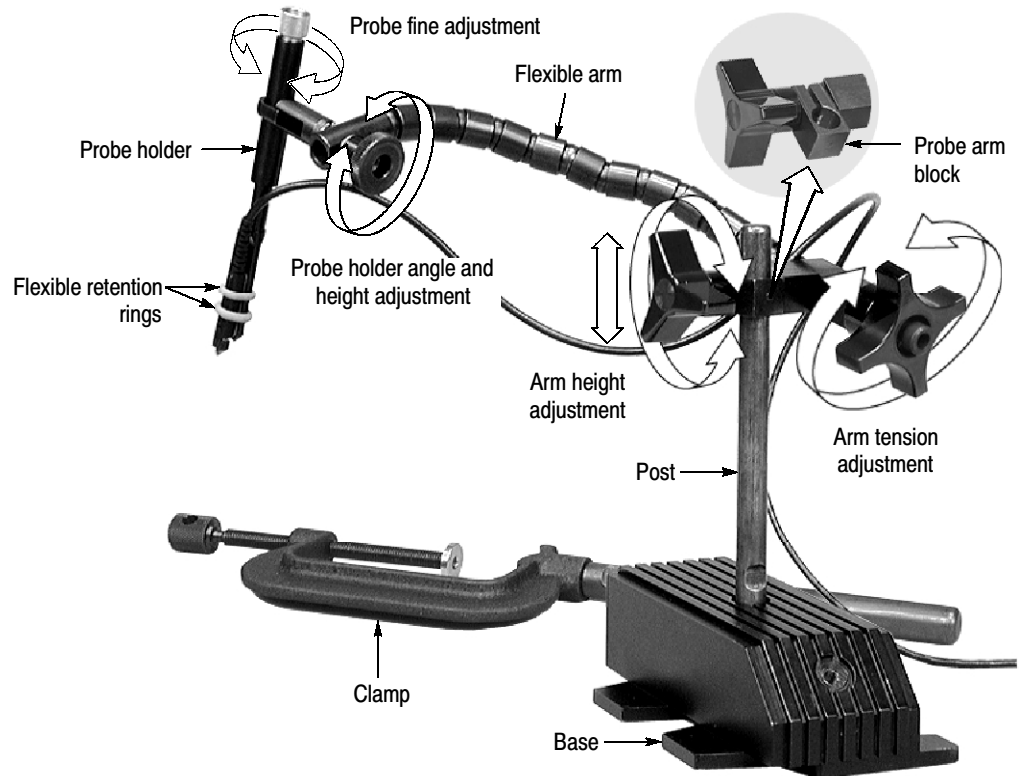


PPM100 Probe Positioner Instructions

071-1160-00



Product Description

The PPM100 is a general purpose bench top probe holder designed to hold your probe in place while probing test circuits. The clamp is designed to secure the flexible arm assembly to various test fixtures.

The PPM100 includes:

- Base with interlocking feet
- Probe post
- Clamp with probe post
- Adjustable arm with probe holder
- Flexible retention rings (8)

Features

- The PPM100 provides hands free probing while accommodating multiple probes.
- Multiaxis control of probe position and orientation.
- The probe base has interlocking feet to allow close nesting of multiple probe positioners.
- The clamp allows you to secure the adjustable arm to fixtures, extrusions, and benchtops.
- the base has two mounting angles for additional test point access, providing reach and height into circuits under test.
- The probe holder provides fine adjustment and maintains probe contact force.

Assemble probe positioner

1. Use a $\frac{3}{8}$ inch open-end wrench to install the post to the base by screwing the $\frac{5}{16}$ -20 threaded post into the base.
2. Choose either vertical or angled base mounting holes.
3. Slide the flexible probe arm block over the post and secure using the height adjustment knob.

Assemble clamp

1. Slide the flexible probe arm block over the clamp post and secure using the height adjustment knob.
2. Secure the clamp and flexible probe arm assembly onto a test fixture, extrusion, or bench top.



CAUTION. To prevent damage to the probe: Discharge the static voltage from your body by wearing a grounded antistatic wrist strap while handling probes. Do circuit probing only at a static-free work station.

Installing probe



CAUTION. To prevent the probe from falling to the work surface and damaging the probe tip or test point, hold onto the adjustment arm while loosening or adjusting the arm tension knob.

1. Move the probe holder and flexible arm away from circuit under test.
2. Hold the probe onto the probe holder while rolling a flexible retention ring over the probe and probe holder, securing it to the probe holder.

3. Install another flexible retention ring to secure the probe to the probe holder.
4. Position the flexible arm to the signal testing point.
5. Loosen the flexible arm and then position the flexible arm to position the probe near the signal test point.
6. Tighten the arm tension adjustment knob to secure the adjustment arm in place.
7. Loosen the probe holder angle and height adjustment to position the probe tip close to the signal test point.
8. Tighten the probe holder angle and height adjustment.
9. Adjust the probe fine adjustment to provide the probe tip with proper contact force into the signal test point.

Service Options

- Option R3—Repair Service 3 years
- Option R5—Repair Service 5 years

NOTE. Apply a thin coating of rust inhibitor on the flexible arm when using the PPM100 in a high humidity environment.

Replaceable parts list

Description	Tektronix part number
Post	384-1861-00
Flexible arm w/probe holder	020-2473-00
Clamp	343-1677-00
Flexible retention rings (8)	016-1914-00