

Hi-Z+ Passive Probing System

PP0001A, PP0002A, PP0003A and related accessories

Passive Probes with Never Before Seen Performance

With a small probe head, rugged and replaceable tips, automatic probe identification and attenuation, high voltage ranges and high input impedances with low capacitance – this family of probes is truly the best of passive probes and active probes in one. PP0001A provides a never-before-seen combination of high bandwidth and higher input voltages. PP0002A is the only 800 MHz passive probe to provide more than 1 kV of input voltage. PP0003A is our first ever MMCX compatible probe. All three are sold with a variety of accessories, an adapter for use with AutoProbe I, and optional accessory kits to round out your test setup.



Adapter Required!

PP0001/2/3A all require the use of PP0004A in order to leverage the AutoProbe I interface on applicable InfiniiVision X-Series and Infiniium oscilloscopes. In the future, this adapter will be designed into the oscilloscope, but for now, ensure you have a PP0004A adapter for every probe you need in your test setup. This adapter is sold as a standard accessory with any of these probes.

Model	Bandwidth	Input voltage	Input impedance	Tip type
PP0001A	1 GHz	300 V CAT II	10 MΩ 4.0 pF	5 mm tip
PP0002A	800 MHz	1200 V CAT II	40 MΩ 2.0 pF	5 mm tip
PP0003A	1 GHz	30 V CAT II	10 MΩ 4.0 pF	MMCX Connector
Required Adapter				
This adapter is sold standard with the probes listed above but can be purchased separately.				
PP0004A	Adapter for PP0001A, PP0002A, PP0003A			



Figure 1. From left to right: PP0001A, PP0002A, and PP0003A.

List of Standard and Optional Accessories, Replacement Kits

See the PP0001/2/3A User's Guide for images of each part, which may be helpful in identifying standard accessories and replacement parts below.

Probe	Standard accessories	Re-orderable As
PP0001A	Channel identification rings (4 each, in 4 colors); grabber hook tip; ground clip; ground spring (x2); BNC to probe tip adapter	PP0011A
	Probe tip cartridge, 300 V rating; Protective tip covers (x2)	PP0014A
	Adapter for PP0001A, PP0002A, PP0003A	PP0004A
PP0002A	Channel identification rings (4 each, in 4 colors); grabber hook tip; ground clip; ground spring (x2); BNC to probe tip adapter	PP0011A
	Probe tip cartridge, 1200 V rating; Protective tip covers (x2)	PP0018A
	Adapter for PP0001A, PP0002A, PP0003A	PP0004A
PP0003A	Channel identification rings (4 each, in 4 colors); red and black mini grabbers; MMCX to 0.025" square pin adapter	PP0013A
	Adapter for PP0001A, PP0002A, PP0003A	PP0004A
Optional accessories		
PP0017A	Probe tip to 0.025" square pin adapter, 30 V rating (x2) PCB to probe tip adapter, 300 V rating (x2)	Only for use with PP0001A
PP0019A	Probe tip to 0.025" square pin adapter, 30 V rating (x2) PCB to probe tip adapter, 1200 V rating (x2)	Only for use with PP0002A

Related Literature

Document	Pub number
PP000xA User's Guide	PP0002-97000
Keysight Probes & Accessories Overview	5989-6162



Figure 2. PP0004A ships in a convenient padded storage case, with space for an accompanying probe and accessories. Pictured here is the PP0004A in its case with a PP0001A.