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.

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			

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.



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
Visit the Keysight Probe Resource Center for all information related to probes and accessories for all oscilloscope platforms at prc.keysight.com	



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.

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