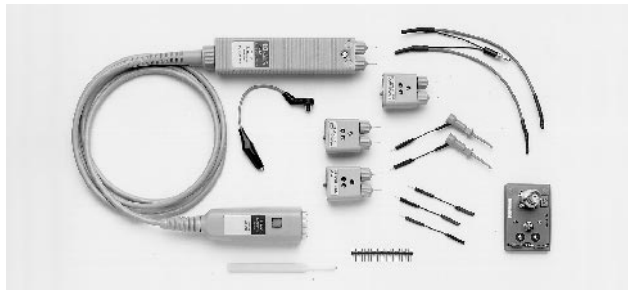




### HP 1141A Differential Probe with HP 1142A Power Supply

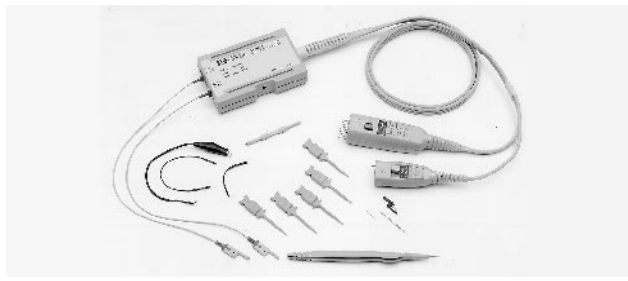
The HP 1141A is a 1X FET differential probe with 200 MHz bandwidth and a 3000:1 CMRR (Common Mode Rejection Ratio). The probe has a high-input resistance and low-input capacitance of 7pF to minimize circuit loading. The 1141A must be used with the 1142A probe control and power module which controls input coupling modes dc, dc with variable offset, and dc reject. Two attenuators, 10X and 100X are provided to expand the linear differential input range to  $\pm 30V$ .



### HP 1153A 200 MHz Differential Probe

The HP 1153A is a 200 MHz Differential Probe for use with HP Infiniium Oscilloscopes. It is a 1X FET differential probe with 200 MHz bandwidth and 3000:1 CMRR (Common Mode Rejection Ratio). The probe has high-input resistance of 1 MOhm and low-input capacitance of 7 pF to minimize circuit loading. The 1153A is compatible with the AutoProbe Interface which provides power and completely configures the Infiniium Oscilloscope for the probe.

Input coupling modes include dc, dc with variable offset, and lf reject. Two attenuators, 10X and 100X, are provided to expand the linear differential input range to  $\pm 30V$ .



### HP 1155A Low Mass Active Probe for Surface-Mount Devices

The two-channel HP 1155A low mass active probe for Infiniium oscilloscopes has a probe tip that weighs less than 1 gram making it ideal for attaching to fine pitch ICs and probing surface mount components. The probe combines high bandwidth (750 MHz), low input capacitance (2 pF) and high input resistance (1 Mohm). A versatile set of accessories are provided, including an HP browser with a crown point that digs deep in to solder and a spring loaded tip that helps absorb small movements. When used in conjunction with the HP Wedge, the 1155A provides a hands-free solution for probing 0.5mm and 0.65mm IC packages. See page 122 for more information.

Internet URL [www.hp.com/go/tmc00](http://www.hp.com/go/tmc00)



### HP 1145A Low Mass Active Probe for Surface-Mount Devices

The two-channel HP 1155A low mass active probe has a probe tip that weighs less than 1 gram making it ideal for attaching to fine pitch ICs and probing surface mount components. The probe combines high bandwidth (750 MHz), low input capacitance (2 pF) and high input resistance (1 Mohm). A versatile set of accessories are provided and when used in conjunction with the HP Wedge, the 1145A provides a hands-free solution for probing 0.5mm and 0.65mm IC packages. See page 132 for more information.

This probe can access power directly from the HP 54520/40 series and 54615/16B oscilloscopes. The HP 1142A power supply is required for all other instruments. This configuration requires 50 Ohm inputs.



### HP 1152A 2.5 GHz, 0.6 pF Active Probe

The HP 1152A's 0.6pF, 100Kohm input provides ultra low loading of the device-under-test, making it an ideal companion for the HP 54845A 1.5 GHz and HP 54835A 1 GHz Infiniium Oscilloscope. Its 40Vac maximum input voltage,  $\pm 15$  KV ESD tolerance and replaceable probe tips make the HP 1152A extremely reliable. The 1152A is compatible with the AutoProbe Interface which provides power and completely configures the Infiniium Oscilloscope for the probe.

### Ordering Information

- HP 1141A 200 MHz Differential Probe
- HP 1142A Power Supply
- HP 1145A 2 Channel, 750 MHz, Active Probe
- HP 1152A 2.5 GHz, 0.6 pF Active Probe
- HP 1153A 200 MHz Differential Probe
- HP 1155A Low Mass Active Probe

Product & Order Info See page 607

HP 1141A  
HP 1142A  
HP 1145A  
HP 1152A  
HP 1153A  
HP 1155A

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