
2 Overview

PRODUCT DESCRIPTION

The 1 GHz HFP1000 is a small, high frequency active probe designed to meet today's increasing demand for measurements on a variety of test points.

With low input capacitance and high input resistance, circuit loading is minimized.

The HFP1000 can be used with LeCroy's WavePro™, Waverunner™ and LC series oscilloscope with firmware version 8.7.0 or higher.

When the probe is used with any of these oscilloscopes, an AutoColor ID feature automatically illuminates the probe head in the default trace color of the channel to which the probe is connected, eliminating the need for color bands or other markers.

With the ProBus interface, the HFP1000 becomes an integral part of the oscilloscope. The probe can be controlled from the oscilloscope's front panel. The oscilloscope provides power to the probe, so there is no need for a separate power supply or batteries.

When used in combination with an ADPPS power supply, the HFP1000 probe can be used with non-LeCroy instruments. (See Section 4 for detailed operation with an ADPPS adapter).

Note:

The AutoColor ID feature will be disabled when the probe is used with an ADPPS adapter or a LeCroy oscilloscope with firmware version lower than 8.7.0.

KEY BENEFITS

- High frequency performance
- Low input capacitance
- Wide dynamic range
- ProBus interface

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- AutoColor feature matches the probe color to the oscilloscope's default trace color
- Five interchangeable tips for probing a variety of test points (two standard, three optional accessories)
- Replaceable probe tip socket
- Hands free probing with optional *FreeHand* Probe Holder

STANDARD ACCESSORIES

The HFP1000 probe is shipped with the following standard accessories:

Item:	Quantity:
Straight Tip	4
Sharp Tip	4
Clip, 0.8 mm	2
Square Pin Ground Spring	1
Offset Pin	2
Short Right Angle Lead	1
Long Right Angle Lead	1
Short Single lead	1
Long Single Lead	1
Replaceable Cartridge	1
Instruction Manual	1
Certificate of calibration	1

OPTIONAL ACCESSORIES

The following items are available as optional accessories for the HFP1000 probe:

IC Lead Tip
SMD Discrete Tip
Bent Sharp Tip

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Micro Clip

Ground Spring with Hook

FreeHand Probe Holder

High Frequency Cartridge

Soft Accessory Case

For part number information for standard and optional accessories refer to Section 6, Care and Maintenance, Replaceable Parts List.

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