

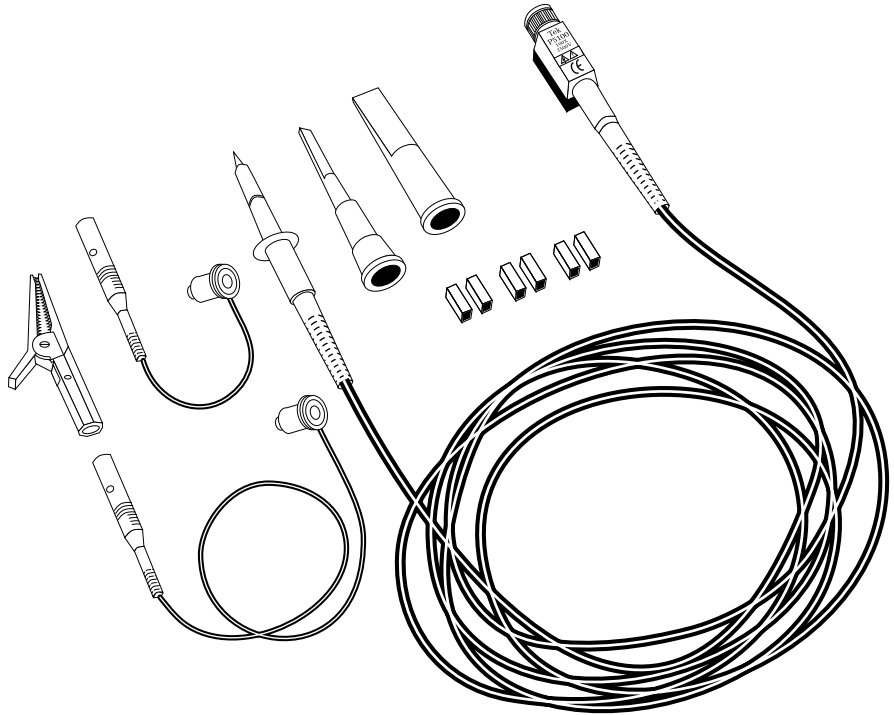
High Voltage Passive Probe

P5102

Features

P5102

- 1000 V Maximum Input Voltage
- 100 MHz Bandwidth
- 5 M Ω Input Resistance
- Stable Adjustments for Accurate and Reliable Measurements
- Rugged Probe Head and Accessories for Harsh Environments
- UL 3111-1 Certified for 1000 V AC RMS (complies with IEC 1010)



The choice for high performance, safe, and affordable measurement of high frequency and high voltage signals. The P5102 High Voltage Passive Probe can measure high

voltage signals in switch-mode power devices and can make a direct connection to bus bars and large bolts without extra wires or awkward adapters.

CHARACTERISTICS

Input C (System) – ≤ 11.2 pF
(w/ THS system)

Input R (System) – 5 M Ω at DC

Rise Time (Probe only) – ≤ 3.5 ns
(w/ THS system)

STANDARD SPECIFICATIONS

Bandwidth – 100 MHz

Maximum Input Voltage – 1000 V AC RMS
Cat. II (w/ THS system)

Attenuation – 10X $\pm 1.25\%$ as shipped

Compensation Range – 24 to 28 pF

Electrostatic Immunity (Per IEC 801-2) –
> 8 kV

PHYSICAL CHARACTERISTICS

Cable Length – 2 m (78.8 in.)

Weight (net) – 0.26 kg (0.57 lb)

CE



See Tektronix on the World Wide Web:
<http://www.tek.com>

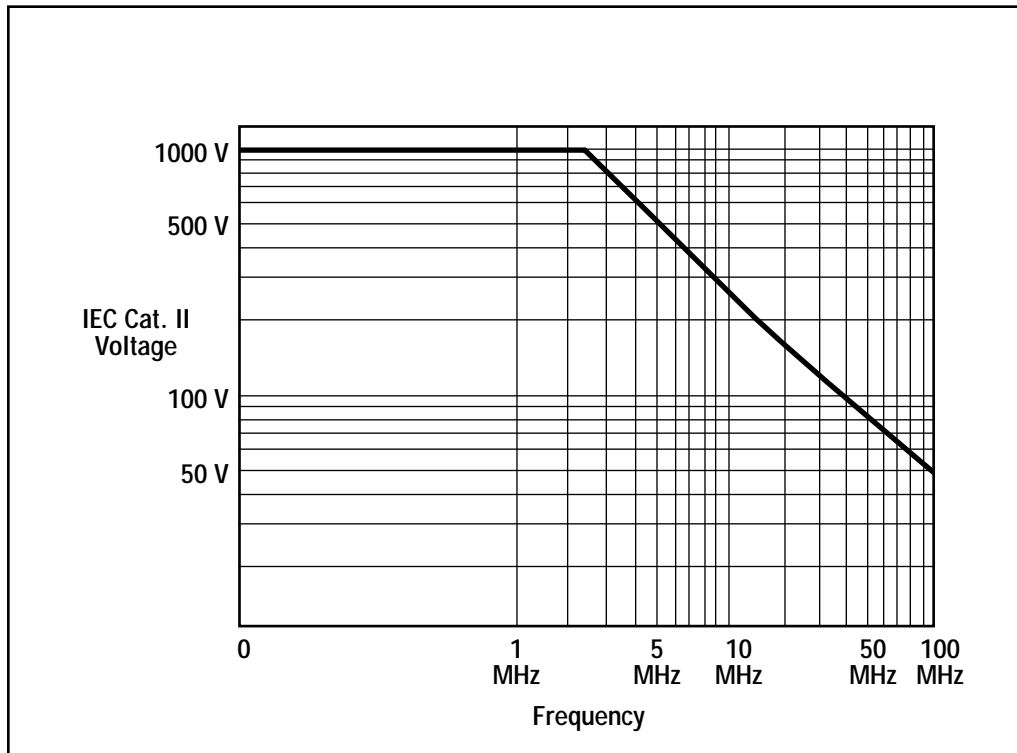


Tektronix Measurement
products are manufactured
in ISO registered facilities.

Tektronix

High Voltage Passive Probe

P5102



ORDERING INFORMATION

P5102 HIGH VOLTAGE PASSIVE PROBE

Includes: 6 in. ground lead, 18 in. ground lead with 4 mm shielded banana plug, crocodile clip, small retractable hook tip, large retractable hook tip, two pairs of color cable markers, adjustment tool, Instruction Manual

RECOMMENDED ACCESSORIES

Probe Tip to BNC Adapter
(013-0291-00)

0.080 inch Diameter Spring Tip
(206-0060-00)

RECOMMENDED OSCILLOSCOPES

THS 700 Series

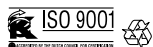
RELATED PRODUCTS

A621 2000 Amp AC Current Probe
A622 100 Amp AC/DC Current Probe
P6117 10X Passive Voltage Probe
THS7BAT THS 700 Battery
THS7CHG THS 700 Battery Charger
THS7HCA THS 700 Hard Case

For further information, contact Tektronix:

World Wide Web: <http://www.tek.com>; ASEAN Countries (65) 356-3900; Australia & New Zealand 61 (2) 888-7066; Austria, Eastern Europe, & Middle East 43 (1) 7 0177-261; Belgium 32 (2) 725-96-10; Brazil and South America 55 (11) 3741 8360; Canada 1 (800) 661-5625; Denmark 45 (44) 850700; Finland 358 (9) 4783 400; France & North Africa 33 (1) 69 86 81 08; Germany 49 (221) 94 77-400; Hong Kong (852) 2585-6688; India 91 (80) 2275577; Italy 39 (2) 250861; Japan (Sony/Tektronix Corporation) 81 (3) 3448-4611; Mexico, Central America, & Caribbean 52 (5) 666-6333; The Netherlands 31 23 56 95555; Norway 47 (22) 070700; People's Republic of China (86) 10-62351230; Republic of Korea 82 (2) 528-5299; Spain & Portugal 34 (1) 372 6000; Sweden 46 (8) 629 6500; Switzerland 41 (41) 7119192; Taiwan 886 (2) 765-6362; United Kingdom & Eire 44 (1628) 403300; USA 1 (800) 426-2200

From other areas, contact: Tektronix, Inc. Export Sales, P.O. Box 500, M/S 50-255, Beaverton, Oregon 97077-0001, USA (503) 627-1916



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3/97 WSS/XBS

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