

## P5200 High Voltage Differential Probe

**Make Safe Floating Measurements with Grounded Scope**

**1300 V Maximum Differential Input Voltage**

**± 1000 V Maximum Floating Voltage on All Ranges**

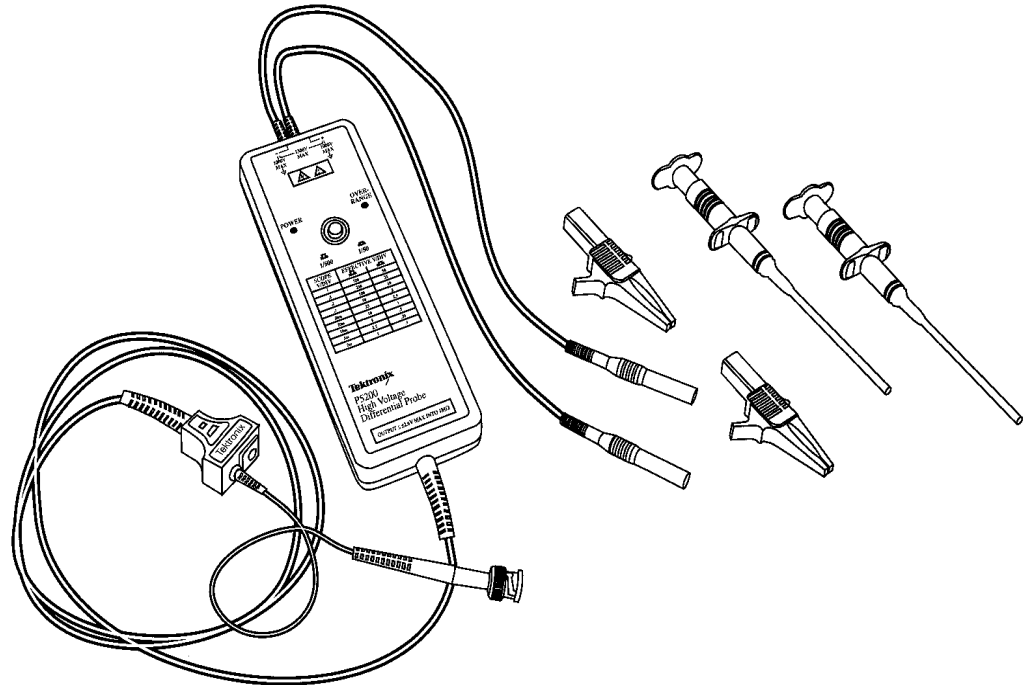
**25 MHz Bandwidth**

**Easy Connection to ICs, Discrete Components and Bus Bars**

**Safe for Users and DUTs**

**Accurate Measurements without User Adjustment or Calibration**

**UL 3111 and IEC 1010 Safety Certified**



The P5200 enables users to make floating measurements with the scope grounded. This results in safer, more accurate measurements and higher productivity. The P5200 is ideal for power supply design, motor drive design, electric vehicle research, education, and the field service industry.

### STANDARD SPECIFICATIONS

**Max. Differential Input Voltage**  
1300 V (DC + peak AC)

**Max. Input Voltage to Ground**  
±1000 V (each input)

**Bandwidth (50X setting)**  
25 MHz

**DC Gain Accuracy**  
±3%

**Power Supply**  
AC Line Powered via 9 V DC wall transformer

**Electrostatic Immunity (per IEC 801-2)**  
> 8 kV

**Switchable Attenuation**  
50X/500X

**Risetime (50X setting)**  
< 14 ns

### TYPICAL CHARACTERISTICS

**Input C**  
7 pF (each input)

**Input R**  
4 MΩ (each input)

**CMRR**  
80 dB at 60 Hz  
50 dB at 100 kHz

**Propagation Delay**  
20 ns

### PHYSICAL CHARACTERISTICS

**Weight (includes accessories)**  
1.4 kg (3.1 lb)

**Input Lead Length**  
50 cm (19.7 in.)

**Output Cable Length**  
1.8 m (6 ft)

## P5200 High Voltage Differential Probe

### ORDERING INFORMATION

#### P5200 HIGH VOLTAGE DIFFERENTIAL PROBE

Includes: One red and one black 7.5 inch plunger clamp, one red and one black crocodile clip, 9 V DC wall transformer (119-3306-00), instruction manual (070-9018-00)

#### INSTRUMENT OPTIONS

**Opt A1** Universal Euro DC Wall Transformer  
(119-4240-00)

**Opt A2** United Kingdom DC Wall Transformer  
(119-4239-00)

**Opt A3** Australia DC Wall Transformer  
(119-4238-00)

**Opt A5** Switzerland DC Wall Transformer  
(119-4240-00)

**Opt A6** Japan DC Wall Transformer  
(119-4241-00)

#### RECOMMENDED OSCILLOSCOPES

TDS 300 Series  
TDS 400 Series  
TDS 500 Series  
TDS 600 Series  
TAS 400 Series  
2200 Series  
2400 Series  
11000 Series

#### RELATED PRODUCTS

**A6905S** 15 MHz 850 V Fiber Optic Isolation System

**A6906S** 100 MHz 850 V Fiber Optic Isolation System

**A6907** 4 Channel, 850 V, 60 MHz Voltage Isolator

**A6909** 2 Channel, 850 V, 60 MHz Voltage Isolator

