

## P6007 Dc to 25 MHz, 100X



### For 1 MΩ Inputs

1500 V Dc

Low Capacitance Loading

The P6007 is a low input capacitance, high-voltage (1.5 kV) probe. It can be compensated to match all Tektronix plug-ins and oscilloscopes with nominal input capacitances of 15 pF to 55 pF and input resistance of 1 MΩ.

#### ORDERING INFORMATION

##### P6007 100X, High Voltage Probe

**Includes:** Banana tip (AK, 134-0013-00); 0.055 inch diameter straight tip (AA, 206-0015-00); retractable hook tip (AN, 013-0071-00); 13 cm (5 inch) ground lead (175-0124-01); 30 cm (12 inch) ground lead (175-0125-01); hook tip (AG, 206-0105-00); probe holder (352-0090-00); two alligator clips (AS, 344-0046-00); instruction manual (070-0388-01).

3.5 ft Cable. Order 010-0150-00	<b>\$120</b>
6 ft Cable. Order 010-0165-00	<b>\$120</b>
9 ft Cable. Order 010-0152-00	<b>\$120</b>
12 ft Cable. Order 010-0154-00	<b>\$120</b>

## P6009 Dc to 120 MHz, 100X



### For 1 MΩ Inputs

1500 V Dc

Dc to 120 MHz

Low Capacitance—2.5 pF

The P6009 is a low input capacitance, high-voltage (1.5 kV) probe designed for use with Tektronix dc to 150 MHz oscilloscopes. The probe can be compensated to match Tektronix plug-ins and oscilloscopes with nominal input capacitances of 12 pF to 47 pF and input resistance of 1 MΩ.

A version of the P6009 is equipped with a special BNC connector that provides CRT Readout information when used with plug-in units and mainframes that have these features.

#### ORDERING INFORMATION

##### P6009 100X High Voltage Probe

**Includes:** 30 cm (12 inch) ground lead (175-0125-01); 13 cm (5 inch) ground lead (175-0124-01); 7.5 cm (3 inch) ground lead (DD, 75-0263-01); probe holder (352-0090-00); 0.080 inch diameter spring tip (AB, 206-0060-00); two alligator clips (AS, 344-0046-00); banana tip (AK, 134-0013-00); 0.055 inch diameter straight tip (AA, 206-0015-00); retractable hook tip (AN, 013-0071-00); hook tip (AG, 206-0105-00); bayonet ground assembly (AJ, 013-0052-00); instruction manual (070-0401-01).

9 ft w/Readout. Order 010-0264-01	<b>\$195</b>
9 ft w/o Readout. Order 010-0170-00	<b>\$195</b>

## P6015 40 kV, 1000X



### For 1 MΩ Inputs

Measure up to 40 kV Peak Pulse

Up to 20 kV Dc + Peak Ac

75 MHz Useful Bandwidth

The P6015 Provides 1000X attenuation for oscilloscope measurements up to 40 kV peak. Voltage or duty cycle derating is necessary for RF voltages at frequencies over 100 kHz, or in temperatures above 25°C.

The probe can be compensated for instruments with nominal input capacitance of 12 pF to 47 pF and input resistance of 1 MΩ.

#### ORDERING INFORMATION

##### P6015 1000X, High Voltage Probe

10 ft Cable. Order 010-0172-00 **\$650**  
**Includes:** BNC compensating box (015-0049-00); high-voltage dielectric fluid can (AU, 252-0120-00); alligator clip (AQ, 344-0005-00); carrying case (016-0128-02); probe holder (352-0056-00); instruction manual (070-0373-02).

### CHARACTERISTICS

	Attenuation	Accuracy	Input Resistance	Input Capacitance			Probe Rise Time	Aberrations	Bandwidth	Nominal Cable Length (ft)	Maximum Dc Voltage	Derated Above	Derated to @ Frequency	Compensation Range (pF)
				3 1/2 ft	6 ft	9 ft								
P6007	100X	3%	10 MΩ	2 pF	2.2 pF	2.4 pF	14.0 ns	±3	25 MHz	3 1/2, 6, 9, 12	1.5 kV	200 kHz	2 kV @ 5 MHz	15 to 55
P6009	100X	3%	10 MΩ		2.5 pF		2.9 ns	±3	120 MHz	9	1.5 kV	200 kHz	300 V @ 20 MHz	15 to 47
P6015	1000X	Adjustable	100 MΩ	3 pF (10 ft only)			4.0 ns	±5	75 MHz	10	20.0 kV	100 kHz	2 kV @ 20 MHz	12 to 47

Included Accessories with double alpha codes are pictured on pages 446 and 447