

Instructions

P6020 20MHz

P6040 40MHz

P6060 60MHz

P6100 100MHz

1X&10X Passive Probe

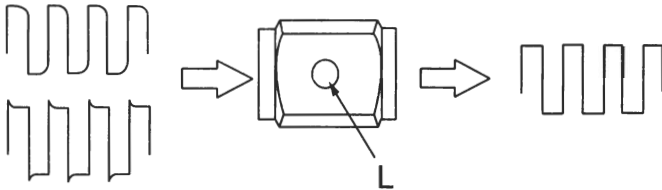
Accessories and Features

P6000 is provided with several accessories designed to make probing and measurement a simpler task. Please take a moment to familiarize yourself with these accessories and their uses.

TYPE	P6020	P6040	P6060	P6100
Attenuation Ratio		1:10		
Input Resistance		1MΩ:10MΩ		
Input Capacitance	1X:85pF-115pF 10X:18.5pF-22.5pF		1X:85pF-115pF 10X:14.5pF-17.5pF	
Compensation Range	25pF-45pF	25pF-45pF	20pF-40pF	15pF-35pF
Bandwidth	1X:DC-4MHz 10X:DC-20MHz	DC-4MHz DC-40MHz	DC-4MHz DC-60MHz	DC-4MHz DC-100MHz
Working Voltage		1X:<150V DC 10X:<300V DC		
Net Weight		55g		
Cable length		120cm		
Temperature operating		-10°C - +50°C		
nonoperating		-20°C - +75°C		
Humidity		≤85%(relative humidity)		

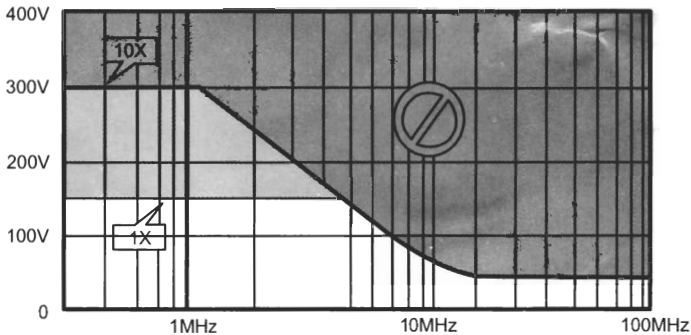
Low-Frequency probe Compensation

Before taking any measurements using a probe, first check the compensation of the probe and adjust it to match the channel inputs. Most oscilloscopes have a square wave reference signal available at a terminal on the front panel used to compensate the probe. Connect the probe to the signal source to display a 1KHz test signal on your oscilloscope.



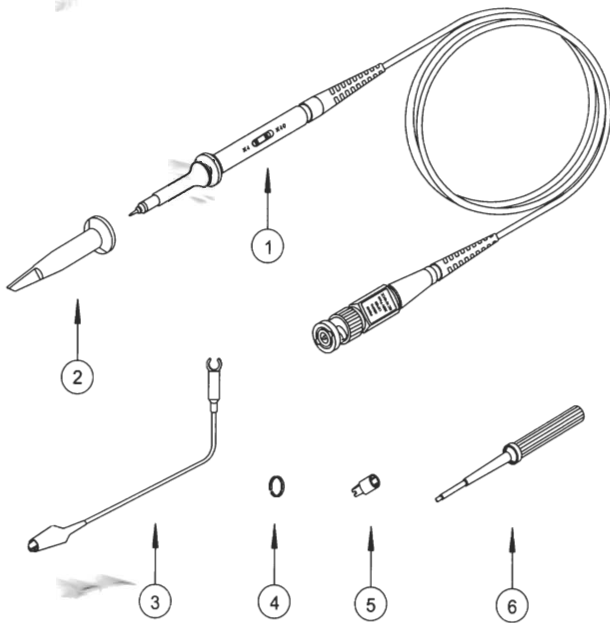
Adjust trimmer L until see a flat-top square wave on the display.

Tension-Frequency Feature Pattern



Maximum Working Voltage Derating Curve(VDC+Peak AC)

P6000 Assembly Drawing



Part Exposition:

- 1、Probe Rod
- 2、Probe Tip
- 3、Ground **Lead**
- 4、Marker **Band**
- 5、Tip Locating sleeve
- 6、Screwdriver