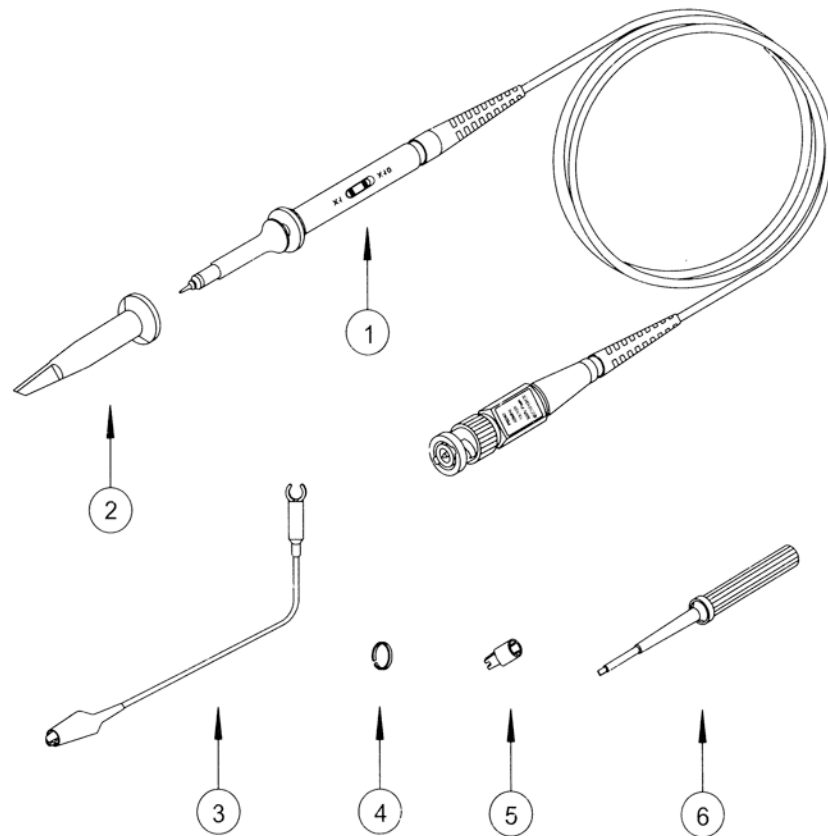


# P6000 Assembly Drawing



## Part Exposition:

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

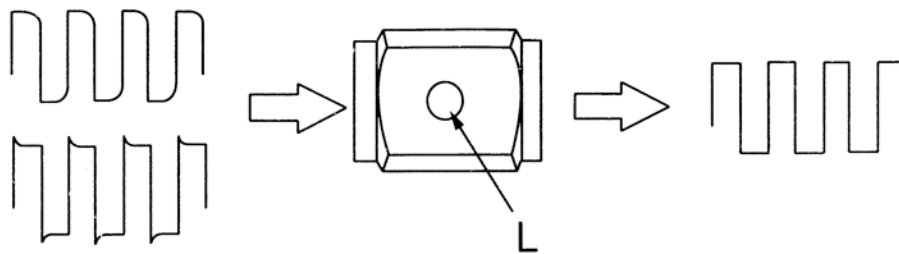
## Accessories and Features

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
Bandwidth	1X:DC-6MHz 10X:DC-20MHz	DC-6MHz DC-40MHz	DC-6MHz DC-60MHz	DC-6MHz DC-100MHz
Attenuation Ration	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
Rise Time	10X: <14ns	1X: <58ns <8.8ns	<5.8ns	<3.5ns
Working Voltage	1X:<200VDC+ACPeak 10X:<200VDC+ACPeak			
Net Weight	55g			
Cable length	120cm			
Temperature				
operating	-10°C - +50°C			
nonoperating	-20°C - +75°C			
Humidity	≤85%(relative humidity)			

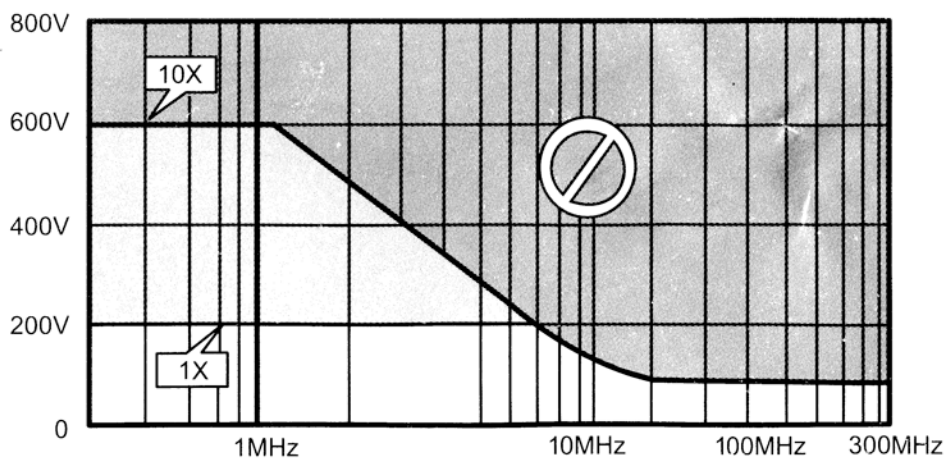
## Low-Frequency probe Compensation

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)