

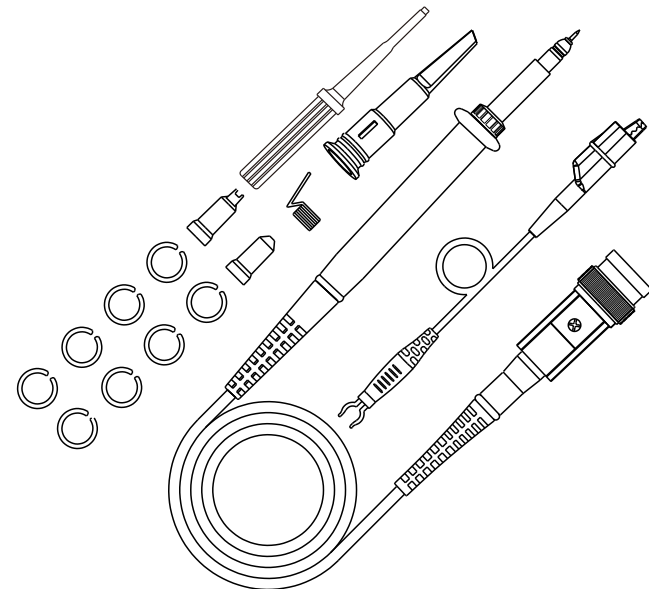
User's Guide

- ☐ P4060 60MHz
- ☐ P4100 100MHz
- ☐ P4250 250MHz

Probe Characteristics			
Model	P4060	P4100	P4250
Bandwidth	60MHz	100MHz	250MHz
Rise time	5.8ns	3.5ns	1.4ns
Attenuation Ratio	100:1		
Input Resistance	100M Ω ±2%		
Input Capacitance	5pF	5pF	5pF
Maximum Input	2KV Working Voltage(V _{p-p})		
Compensation Range	10pF~35pF		
Operation Environment	0~50℃ , 0~80%RH		
Storage Environment	-20~60℃ , 0~90%RH		
Size	130±2cm		
Weight	About 55g		

Accessory Kit		
Item	Description	Quantity
1	Retractable Hook Tip	1
2	Adjustment Tool	1
3	Locating Sleeve	2
4	Marker Rings	8
5	Ground Lead	1
6	Ground Spring	1

Note:
content of this document are subject to change without notice.

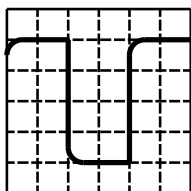


P4000 100X High Voltage Probe

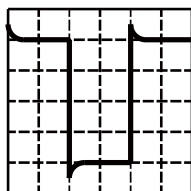


Frequency Compensation

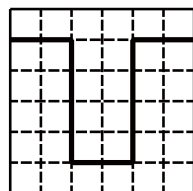
Before taking any measurements using a probe, first check the compensation of the probe and adjust it to match the channel inputs. Most oscilloscopes have a square wave reference signal available at a terminal on the front panel used to compensate the probe. Connect the probe to the signal source on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



Incorrect

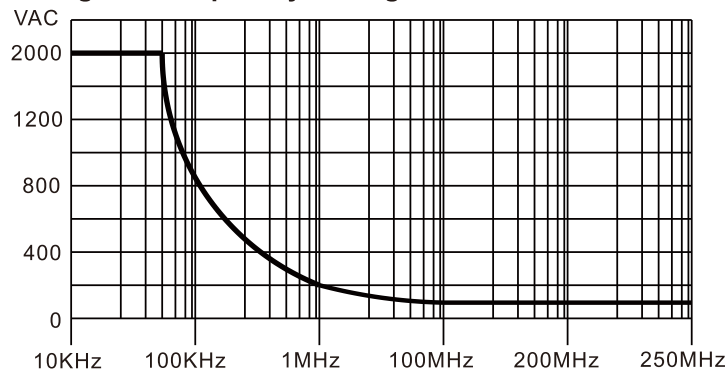


Incorrect



Correct

Voltage vs Frequency Rating Curve



- ⚠ Review this user manual carefully to avoid injury and prevent damage to this product or any products connected to it. To avoid potential hazards, use this product only as specified.
- ⚠ The measurement category of a combination of a PROBE ASSEMBLY and an accessory is the lower of the measurement categories of the PROBE ASSEMBLY and of the accessory.
- ⚠ If the PROBE ASSEMBLY is used in a manner not specified by the manufacturer, the protection provided by the PROBE ASSEMBLY may be impaired.

Accessories and Features

P4000 is provided with several accessories designed to make probing and measurement simpler. Please take a moment to familiarize yourself with these accessories and their uses.

