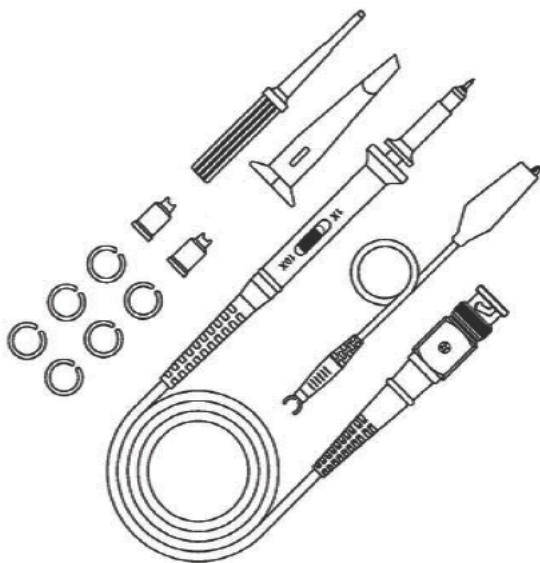


MI007 60 MHz Oscilloscope Probe
User's Guide



Frequency Compensation

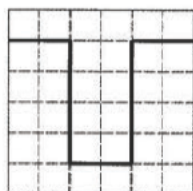
Before taking any measurements using a probe, first check the compensation of the probe and adjust it to match the channel inputs. Most oscilloscopes have a square wave reference signal available at a terminal on the front panel used to compensate the probe. Connect the probe to this terminal or another 2 V pk-pk, 1 kHz square wave source. Set the probe to 10X position. Adjust trimmer until seeing flat-top square wave on the display.



Incorrect

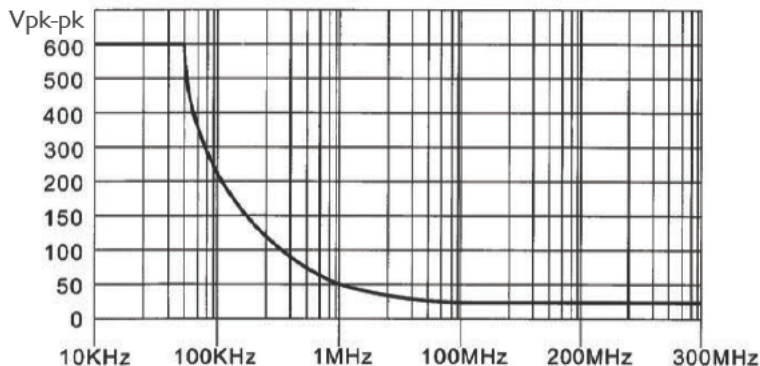


Incorrect



Correct

Voltage vs Frequency Rating Curve

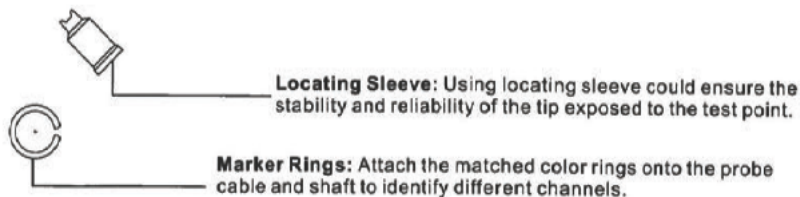
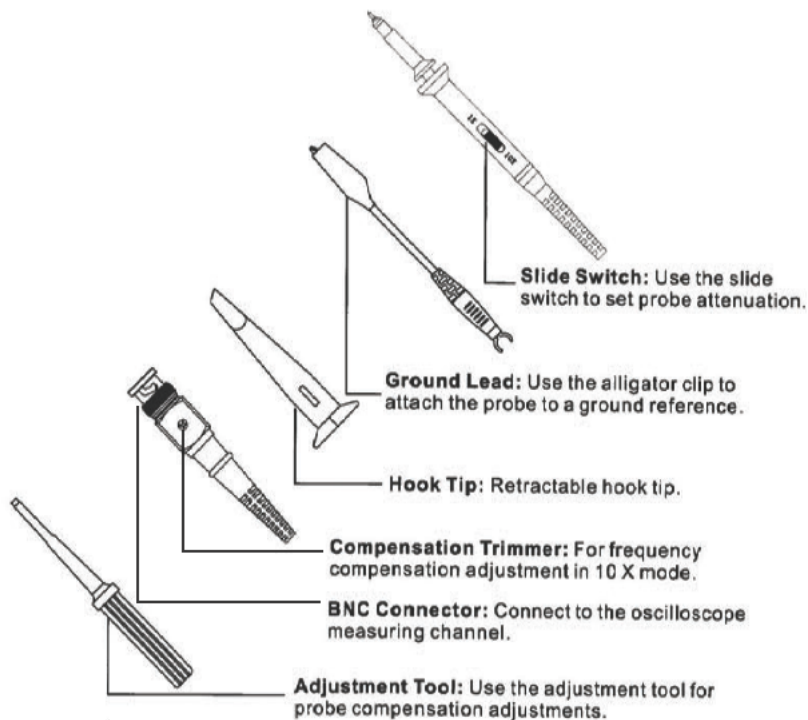


⚠ Review this user manual carefully to avoid injury and prevent damage to this product or any products connected to it. To avoid potential hazards, use this product only as specified.

⚠ 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

MI007 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.



Probe Characteristics		
Attenuation Ratio	1X	10X
Bandwidth	15 MHz	60 MHz
Rise Time	23.3 ns	5.8 ns
Input Resistance	1 M Ω \pm 2%	10 M Ω \pm 2%
Input Capacitance	70pF~120pF	14pF~18pF
Maximum Working Voltage (CAT I)	200 V pk-pk	600 V pk-pk
Compensation Range		15 - 45pF
Operation Environment	0 - 50°C, 0 - 80%RH	
Storage Environment	-20 - 60°C, 0 - 90%RH	
Size	110 \pm 2cm	
Weight	About 55g	

Accessory Kit		
	MI007	TA208
Description	1PC	2PC
Retractable Hook Tip	1	2
Adjustment Tool	1	
Locating Sleeve	2	
Marker Rings	6	
Ground Lead	1	2