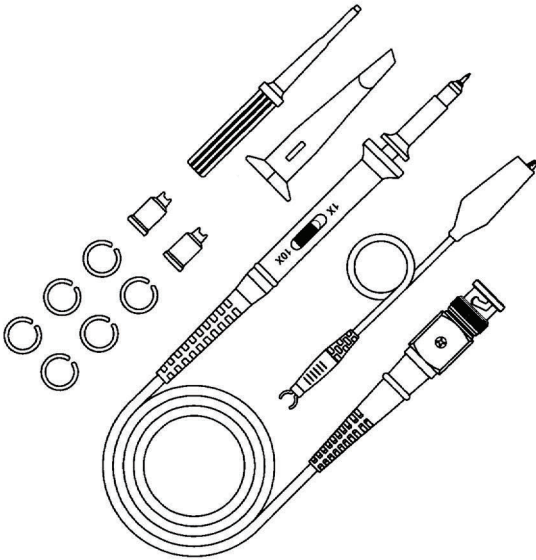


## MI007 60 MHz Oscilloscope Probe **User's Guide**

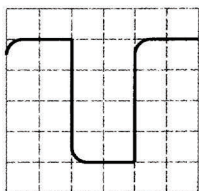
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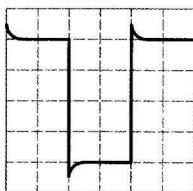
## Frequency Compensation

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.

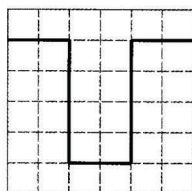
Connect the probe to this terminal or another 2 V pk-pk, 1 kHz square wave source. Set the probe to 10X position. Adjust trimmer until seeing flat-top square wave on the display.



**Incorrect**

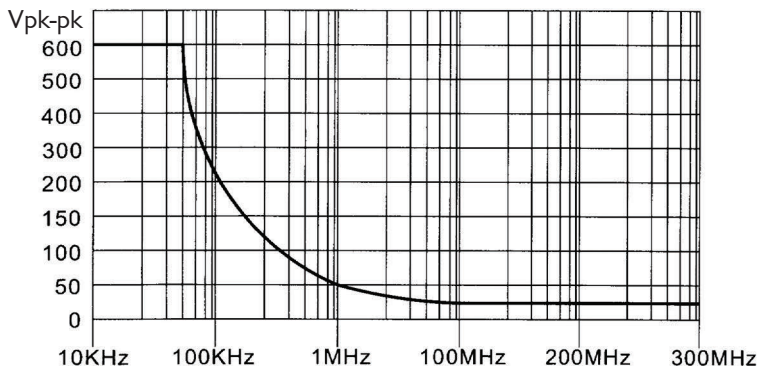


**Incorrect**



**Correct**

## Voltage vs Frequency Rating Curve

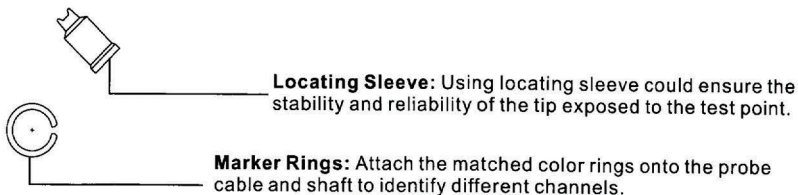
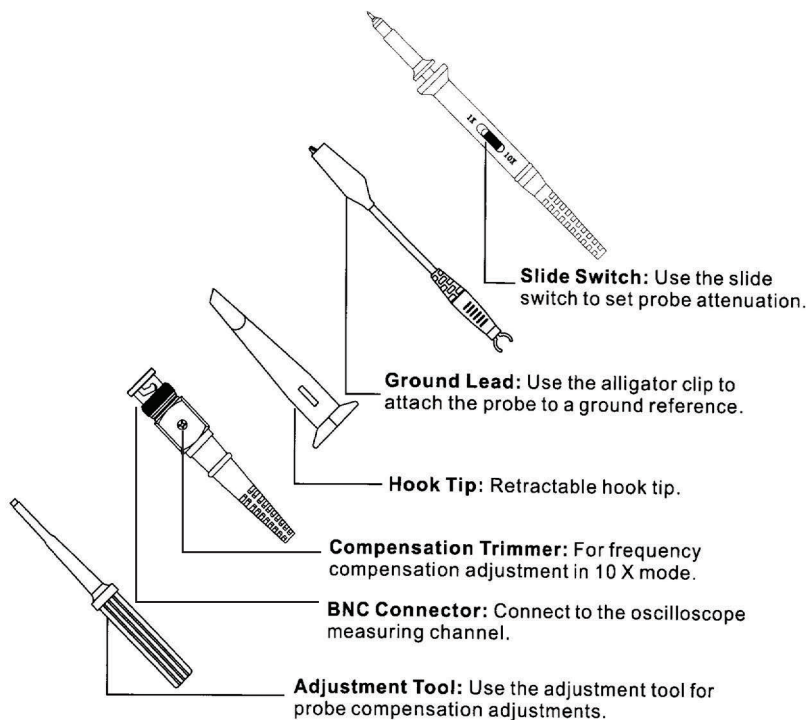


⚠ Review this user manual carefully to avoid injury and prevent damage to this product or any products connected to it. To avoid potential hazards, use this product only as specified.

⚠ 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.



<b>Probe Characteristics</b>		
Attenuation Ratio	1X	10X
Bandwidth	15 MHz	60 MHz
Rise Time	23.3 ns	5.8 ns
Input Resistance	1 M $\Omega$ $\pm$ 2%	10 M $\Omega$ $\pm$ 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	

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