

multicomp PRO



Voltage Probe, 60MHz, 100:1 MP770212
Voltage Probe, 100MHz, 100:1 MP770213
Voltage Probe, 250MHz, 100:1 MP770216

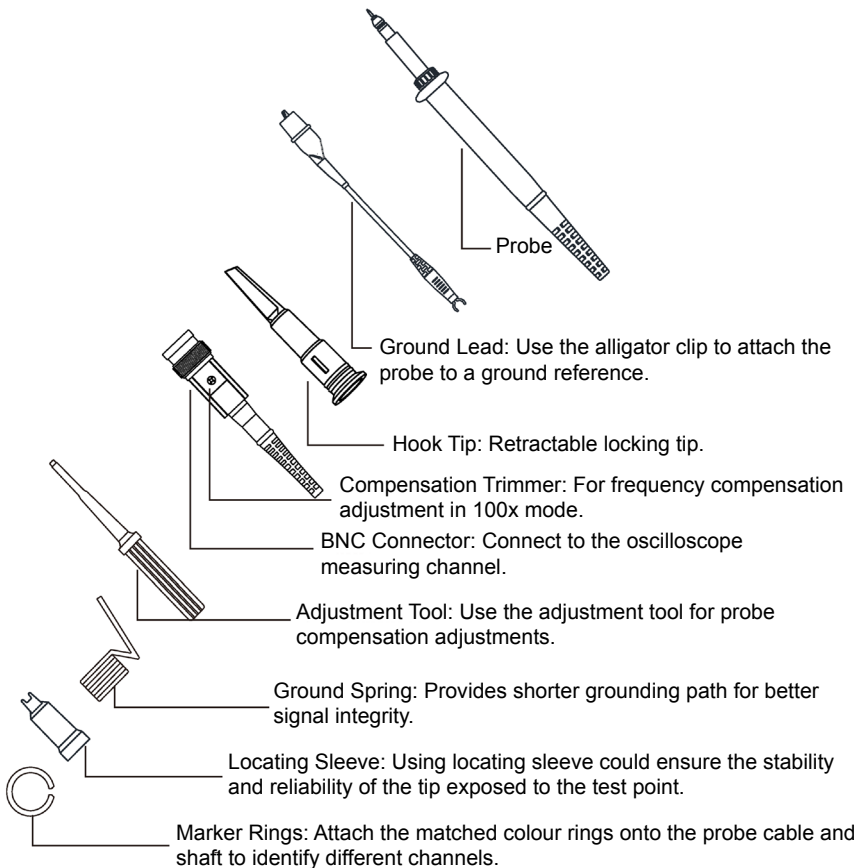
IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before use and retain for future reference.

- These specifications apply to an MP7702XX series probe installed on a Multicomp oscilloscope. When used with any other type the oscilloscope must have an input impedance of $1M\Omega$.
- The instrument must have a warm-up period of at least 20 minutes and be in an environment that does not exceed the working limits.
- Check the test leads and probe insulation condition before using. If you find any breakage, damage or abnormality, or you consider the device is broken, stop using the device immediately.
- When using the test probes, keep your fingers behind the finger protection rings.
- Take caution when voltages are above 60V DC and 30V AC rms.

WHAT'S INCLUDED

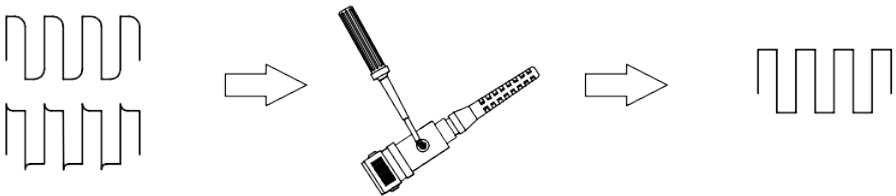
- The probe is provided with several accessories designed to make measurement easier. Please familiarise yourself with their uses.



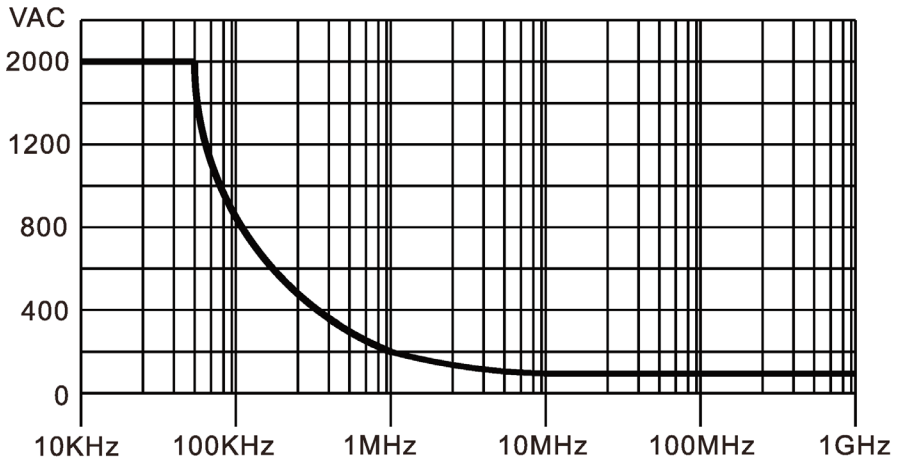
OPERATION

Compensation Adjustment

- 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.
- Set the probe to X10 position.



Voltage vs Frequency Rating Curve



SPECIFICATION

Item	MP770212	MP770213	MP770216
Attenuation	100:1		
Bandwidth	60MHz	100MHz	250MHz
Rise Time	5.8ns	3.5ns	1.4ns
Input Resistance	100M Ω ±2%		
Input Capacitance	5pF		
Compensation Range	10pF-35pF		
Maximum Working Input Voltage	2KV Working Voltage (Vp-p)		
Safety	Conforms to IEC61010-031		
Net Weight	<65g		
Length	130cm±2cm		
Temperature	-10°C - +50°C		
Humidity	<85% (Relative Humidity)		



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT

These symbols indicate that separate collection of Waste Electrical and Electronic Equipment (WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.

