multicomp PRO

Voltage Probe, 60MHz, 10:1 MP770208
Voltage Probe, 100MHz, 10:1 MP770209
Voltage Probe, 200MHz, 10:1 MP770210
Voltage Probe, 300MHz, 10:1 MP770211

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 1MΩ.
- 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.

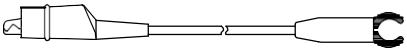
WHAT's INCLUDED

Measuring Tip
For general measuring

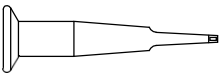
Marker Rings (8 off)
For identifying different channels

Electrical Ground Contact
Provides shorter grounding path for better signal integrity

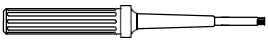
IC Tip
To ensure the stability and reliability of the tip exposed to the test point



Ground Lead
Use alligator clip to attach the probe to a ground reference



Spring Hook Contact
Retractable hook tip

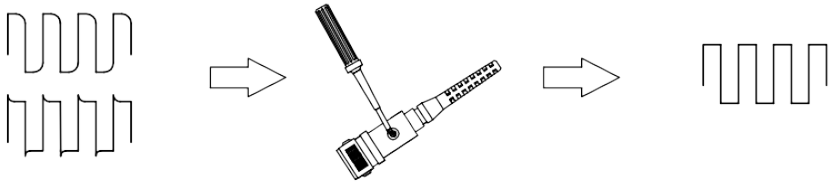


Adjustment Tool
Used to make probe compensation adjustments

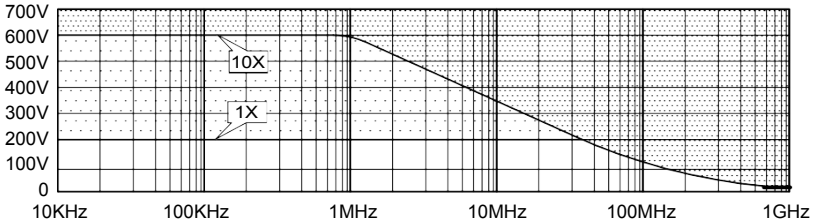
OPERATION

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.

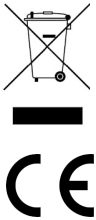


Maximum Working Voltage Derating Curve (VDC+Peak AC)



SPECIFICATION

Item	MP770208	MP770209	MP770210	MP770211
Attenuation	10:1			
Input Resistance	1MΩ:10MΩ			
Input Capacitance	1X:85pF-115pF 10X:14.5pF-17.5pF			
System Bandwidth	1X:6MHz 10X:60MHz	1X:6MHz 10X:100MHz	1X:6MHz 10X:200MHz	1X:6MHz 10X:300MHz
Compensation Range	10X:5pF-30pF	10X:5pF-30pF	10X:5pF-30pF	10X:5pF-30pF
Maximum Working Input Voltage	1X:<200V pk 10X:<600V pk			
Safety	Conforms to IEC-61010 CAT II 1X:150V AC 10X:300V AC			
Net Weight	<55g			
Length	130cm±1.5cm			
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.

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