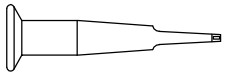
OW3000 Series Probe Assembly Drawing

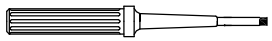
Measuring Tip

Electrical Contact Ground

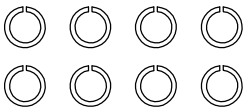
IC Tip



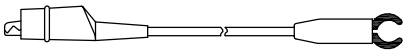
Sprung Hook



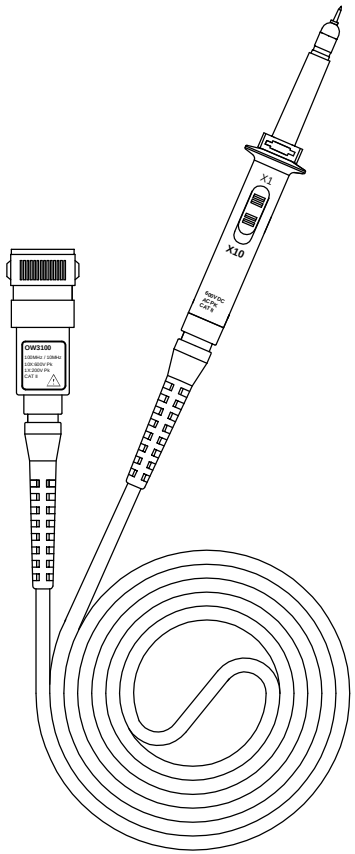
Adjustment Tool



Marker Ring



Ground Lead



Instructions

Passive Probe

1X&10X

- □ **OW3060 60MHz**
- □ **OW3070 70MHz**
- □ **OW3100 100MHz**
- □ **OW3150 150MHz**
- □ **OW3200 200MHz**
- □ **OW3300 300MHz**

Specifications

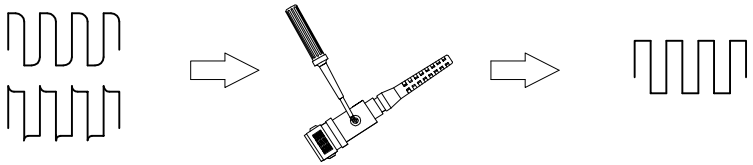
These characteristics apply to a OW3000 series probe installed on a specified oscilloscope.When used with another instrument.the oscilloscope must have an input impedance of 1 MΩ.The instrument must have a warm-up period of at least 20 minutes and be in an environment that does not exceed the limits.

Item	OW3060	OW3070	OW3100	OW3150	OW3200	OW3300
Attenuation	1:10					
Input Resistance	1MΩ:10MΩ					
Input Capacitance	1X:85pF-115pF 10X:14.5pF-17.5pF					
System Bandwidth	1X:6MHz 10X:60MHz	1X:6MHz 10X:70MHz	1X:6MHz 10X:100MHz	1X:6MHz 10X:150MHz	1X:6MHz 10X:200MHz	1X:6MHz 10X:300MHz
Compensation Range	10X:5pF-30pF					
Maximum Working Input Voltage	1X:≤200V pk 10X:≤600V pk					
Safety	Conformed IEC-61010 CAT II 1X:150V AC 10X:300V AC					
Net Weight	<55g					
Lenght	130cm±1.5cm					
Temperature	-10°C - +50°C					
Humidity	≤85% (Relative Humidity)					

Maintenance

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 a1KHz test signal on your oscilloscope.Set the probe to X10 position.



Maximum Working Voltage Derating Curve (VDC+Peak AC)