Oscilloscope Probe Kit
Model. UT-P20

Introduction

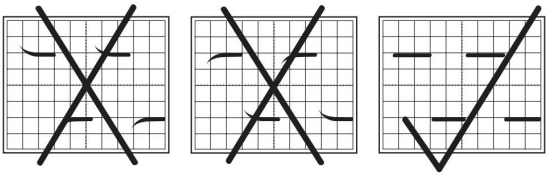
The UT-P20 is a low-input capacitance high voltage oscillo-scope probe designed and calibraated for use with instruments having an input impedance of 1 MΩ shunted by 20pF.
However, it may be compensated for use with instruments having an input capacitance of 10 to 30pF.

Safety Instructions

Review the following safety precautions 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.
• The common terminal is at ground potential. Do not connect the common
terminal to elevated voltages.
• Do not operate in an explosive atmosphere.
• Keep product surfaces clean and dry.
• If your probe requires cleaning, disconnect it from the instrument and clean it
with mild detergent and water. Make sure the probe is completely dry before
reconnecting it to the instrument.

Compensation Adjustment

The following adjustment is required whenever the probe is transferred from one oscilloscope or input channel to another.
Connect the probe to the oscilloscope . Apply a 1KHz square wave to the probe tip and adjust the oscilloscope controls to display a few cycles of the waveform .Adjust the trimmer located in the BNC box for a flat topped square wave.



Specifications

Attenuation Ratio	100:1
Bandwidth	DC to 250MHz
Rise Time	1.4nS
Input Resistance	100MΩ when used with oscilloscopes which have 1MΩ input.
Input Capacitance	Approx. 5.5pF
Compensation Range	10 to 30pF
Max. Input Voltage	1500Vrms CAT II (2000V DC incl. peak AC) derating with frequency (see Fig.1)
Operating Temperature	0℃ to 50℃
Humidity	85% RH or less (at 35℃)
Safety	Meets EN61010-031 CAT II
Cable Length	1.35 Meter

Accessories

Description	Part No.
Channel Identifier Clip	PA-105
Sprung Hook	PA-106
Ground Lead	PA-107
Insulating Tip	PA-108
IC Tip	PF-902
Adjusting Tool	PF-903
Measuring Tip	PA-102
BNC Adapter	PF-901