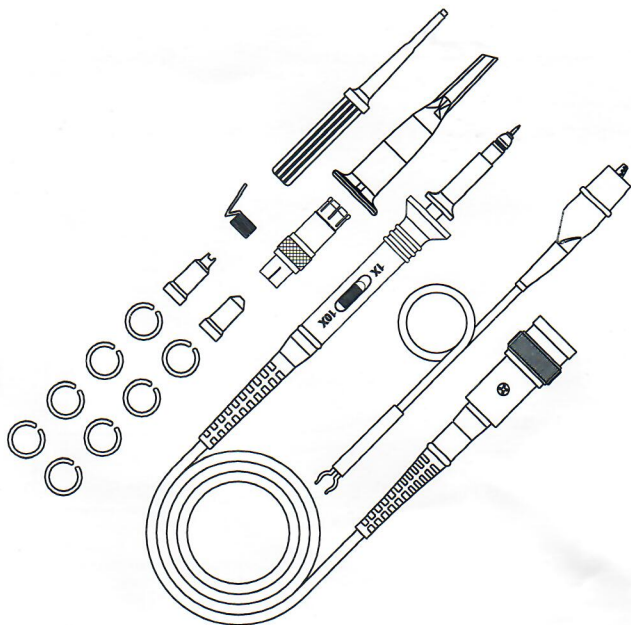


User's Guide

SP2035 350MHz

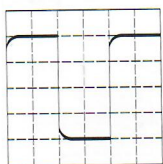


1X&10X Oscilloscope Probe

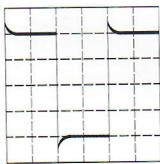
CE

Frequency Compensation

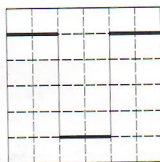
Before taking any measurements using a probe, first check the compensation of the probe and adjust it to match the channel inputs. Most oscilloscopes have a square wave reference signal available at a terminal on the front panel used to compensate the probe. Connect the probe to the signal source on your oscilloscope. Set the probe to 10X position. Adjust trimmer until seeing flat-top square wave on the display.



Incorrect

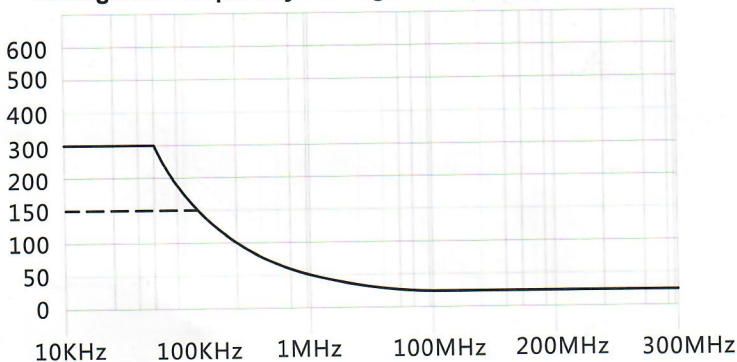


Incorrect






Correct

Voltage vs Frequency Rating Curve(RMS)

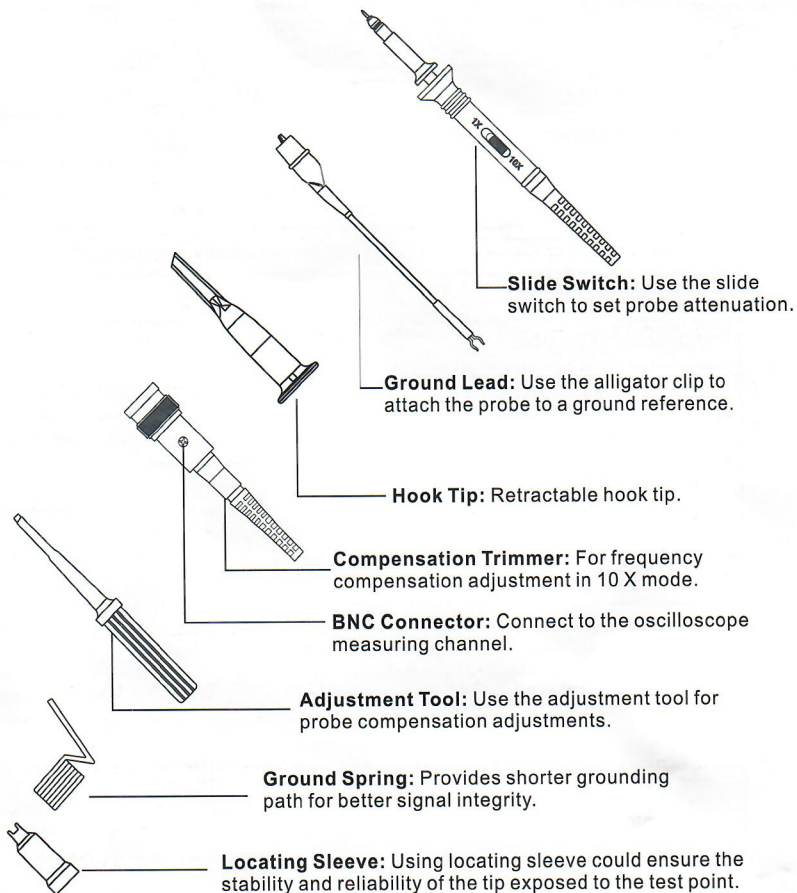


CAT II IEC measurement category II is for measurements performed on circuits directly connected to low voltage installations. Examples are measurements on household appliances, portable tools and similar equipment.

- Equipment fully protected by DOUBLE INSULATION or REINFORCED INSULATION.
-  Review this user manual carefully to avoid any personal injury or damage to this product and any product connected to it. To avoid potential hazards, use this product only as specified.
-  The measurement category of a combination of a PROBE ASSEMBLY and an accessory (an auxiliary to the measurement) is the lower of the measurement categories of the PROBE ASSEMBLY and of the accessory.
-  Follow the instructions to use the PROBE ASSEMBLY will impair or ruin its self-owned protection function.

Accessories and Features

Probe 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.



Probe Characteristics	
Model	SP2035
Attenuation Ratio	1X&10X
Bandwidth	350MHz
Rise time	1ns
Input Resistance	1MΩ/10MΩ±2%
Input Capacitance	1X:85pF~120pF
	10X:17pF~20pF
Max. Input Voltage	1X:150V RMS CAT II&10X:300V RMS CAT II
Compensation Range	10pF~35pF
Operation Temperature	-10°C~+55°C
Humidity	-40°C or below ≤90% +41°C to +50°C ≤60%
Altitude	Operating 3000m Nonoperating 15000m
Cable Length	130cm
Weight	About 55g
Safety	IEC61010-031

Accessory Kit		
Item	Description	Quantity
1	Retractable Hook Tip	1
2	Adjustment Tool	1
3	Locating Sleeve	2
4	Marker Rings	8
5	Ground Lead	1
6	Ground Spring	1
7	BNC Adapter	1

Note:
content of this document are subject to change without notice.