SI-9010A Specifications

Bandwidth	DC to 70MHz (-3dB)
Attenuation	1:100/1000
Accuracy	±2%
Input Impedance	50MΩ//10pF each side to ground
Input Voltage	
- Category	CAT I
- Differential Range*	700Vrms and ±700V(DC+Peak AC) @1/100
	5000Vrms and ±7000V(DC+Peak AC) @1/1000
- Common Mode Range*	5000Vrms and ±7000V(DC+Peak AC) @1/100 & 1/1000
- Absolute Max. Voltage*	5000Vrms and ±7000V(DC+Peak AC) @1/100 & 1/1000
	(Differential or Common Mode)
Output Voltage	
- Swing (into 50kΩ load)	±7V
- Offset (typical)	<±5mV
- Noise (typical)	0.9mVrms
- Source Impedance (typical)	50Ω (for using 1MΩ input system oscilloscope)
CMRR (typical)	-80dB@50Hz, -60dB@20kHz
Ambient Operating Temperature	-10 to 40℃
Ambient Storage Temperature	-30 to 70℃
Ambient Operating Humidity	Up to 85% RH
Ambient Storage Humidity	Up to 85% RH
Power Requirements	
- Standard	4xAA cells or 6VDC/200mA mains adaptor**
	or regulated 9VDC/120mA mains adaptor**
- Options	Power leads
Length of BNC Cable	90cm
Length of Input Leads	60cm
Weight	500g
Dimension (LxWxH)	202mmx83mmx38mm

* Voltage limit is the lesser of the DC+Peak AC and RMS values.

** a. The supplied voltage must be less than 12V and greater than 4.4V, otherwise the probe could be damaged or can't operated properly.

b. Polarity is "+" inside and "-" outside. For wrong polarity, built-in circuit protects the probe, no danger or damage will occur.

c. When the voltage of the cells become too low, the power indicator on the panel will flicker.