## 附件说明

RP1300H型探头配有附件,使测试更为方便。请在使用前尽量熟悉下列 说明,以便更好地使用。



## 调节探头补偿

#### 探头频率补偿

使用探头进行测试前,首先检查本品的频率补偿,将其调至与所使用的示 波器匹配。一般示波器的前面板上都有一个校准信号输出端,将探头接至 此信号输出端,令示波器显示1KHz测试方波信号,探头衰减设置为100X位 置。用调节棒调节探头前端的补偿调节处,使方波上方平整。



### Accessories and Features

RP1300H is provided with some accessories designed to make probing and measurement simpler. Please take a moment to familiarize yourself with these accessories and their uses.



### How to Adjust the Probe Compensation

#### **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 100X position. Adjust trimmer until seeing flat-top square wave on the display.



## Voltage vs Frequency Rating Curve



CAT II: IEC Measurement Category II. Inputs may be connected to mains(up to 1500 V AC) under Category II overvoltage conditions.

Equipment protected throughout by DOUBLE INSULATION or REINFORCED INSULATION

A Review this user manual carefully 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.

	探头参	参数(Prob	e Characteristics)	
最大工作电压	Max. Working Voltage		CATI 2000 V (DC+AC), CAT II 1500 V (DC+AC)	
带宽	Bandwidth		DC~ 300 MHz	
衰减率	Attenuation Ratio		100:1 (fixed)	
上升时间	Rising Time		1.2 ns	
输入阻抗	Input Resistance		100 ΜΩ	
输入电容	Input Capacitance		5.5 pF	
匹配电容调整	Capacitance Adjustment		10 pF ~ 35 pF	
线长	CableLength		Approximate 1.35 meter	
温度系数	Temperature Coefficient		< 200 ppm/℃	
DC 精确度	Precision of DC		<1%	
操作温度	Operation Temperature		0 ~ 50°C	
储存温度	Storage Temperature		-20 ~70°C	
净重	Weight		93 g	
	探头	:零件清单	(Accessory Kit)	
名称描述		Description		Quantity
探针		Probe Tip		1
探头钩		Hook Tip		1
补偿调节棒		Adjustment Tool		1
定位帽		Locating Sleeve		1
标识环 (绿,黄,蓝,粉)		Marker Rings (green, yellow, blue, pink)		8
接地鳄鱼夹		Ground Lead		1
BNC 转换接头		BNC Adaptor		1
绝缘保护帽		Insulating Cap		1
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用户手册 User's Guide



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