YQXIONGDI

ACP 系电流探头
ACP Series Current Probes

ACP3000 ACP1000 ACP500 ACP300
ACP300A ACP100

型 号 Model	ACP3000	ACP1000	ACP500	ACP300	ACP300A	ACP100
最大电流 Max. Current	±3000A	±1000A	±500A	±300A	±300A	±100A
带宽 Bandwidth	DC-30MHz	DC-40MHz			DC-50MHz	DC-100MHz
上升时间 Rise Time	≤ 11.7ns	≤ 8.5ns			≤ 7ns	≤ 2.3ns
精度 Accuracy	±1% 典型值（±3% 保修值） ±1% typ. (±3% warranted)					
低 / 高档最大电流 Max. Current (Low/High Range)	500A/3000A	100A/1000A	100A/500A	100A/300A	30A/300A	10A/100A
交流有效值 AC RMS Current	2100A	700A	350A	210A	210A	70A
衰减比 Attenuation Ratio	100X/1000X				20X/200X	
最小灵敏度 Min. Sensitivity	0.1A/1A				0.02A/0.2A	
最大导线直径 Max. Conductor Diameter	20 mm				5 mm	
最大裸线电压 Max. Bare Wire Voltage	600V RMS CATII	300V RMS CATII			150V RMS CATII	
	300V RMS CATIII	150V RMS CATIII			100V RMS CATIII	
电源要求 Power Requirements	示波器直接供电 / USB Type-C 线供电 Direct oscilloscope power / USB Type-C cable power					
衰减比设置 Attenuation Setting	自动（取决于示波器） Auto (depends on oscilloscope)					
长期最大电流 Continuous Max. Current	可以 Yes					
频率降额 Frequency Derating	不需要 Not required					
传感器 Sensor	防碰撞，超限测试不易损坏，测试稳定 Collision-proof; over-range tolerant; stable measurement					
使用温度范围 Operating Temp.	-40~85°C					
高粉尘环境 High-Dust Environment	可以 Yes					
高振动环境 High-Vibration Environment	可以 Yes					
标配附件 Standard Accessories	转接头、Type-C 线 Adapters, USB Type-C cable					
探 头 头 部 尺 寸 Probe Head Dimensions						
尺寸（长 × 宽 × 高） Dimensions (L×W×H)	178×28×68 mm				175×18×40 mm	
电缆长度 Cable Length	2 m				2 m	

产品外观图 Product Photos



ACP3000 ACP1000 ACP500 ACP300



ACP300A ACP100

注 Note:

1. 探头先测大电流后，再测小电流的情况下，测完大电流传感器会有剩磁导致零点偏移，需要重新调零后才能测试小电流。
If the probe measures high current first and then low current, the sensor will retain residual magnetism after the high-current measurement, causing a zero offset; re-zero the probe before measuring low current.
2. 探头精度固定误差值为 ±1%±200mA。 The probe accuracy has a fixed error of ±1% ±200mA.
3. 探头按 3% 精度鉴定性能。 Probe performance is rated at 3% accuracy.