

Q70

High Accuracy Oscilloscope Measuring Clamp On Current Probe

The model Q70 oscilloscope measuring clamp on current probe, it is suitable for 0-1000A current measurement, both cable and copper bus bar online measurement.

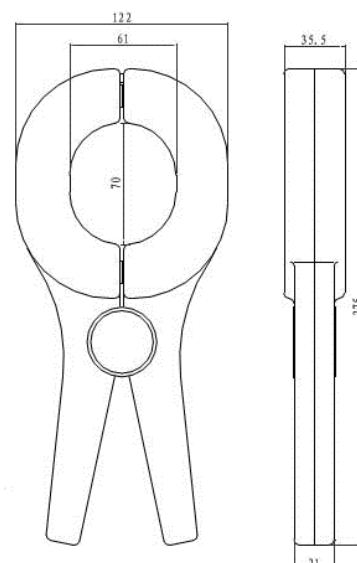


Applications

1. Electric energy meter calibrator (on site)
2. Double clamp type ground resistance tester
3. Double clamp type phase volt-ampere meter
4. Digital multi-meter
5. Multi-function energy meter
6. Oscilloscope
7. Power quality analyzer
8. Matched instruments
9. Calibration instrument on site

Features

1. Measurement range of 1mA to 1000A AC
2. Small, compact size
3. Improved ergonomic design and easy operation
4. Low phase shift for power measurement
5. With load capacity $\leq 4\Omega$; When 1A output, it is 0.1 Ω ; When 5A output, it is 2.5VA.
6. Output model: Lead output(2.5m)



Unit:mm

Parameters

Electrical parameters	
Ratio	1000: 1 or 2000:1 (customized)
Accuracy class	0.2%, 0.5%, 1%
Primary current	0 - 1000A AC
Secondary current	0 - 5A AC (customized)
Max. Cont. Input current	1200A
Over voltage category	CAT III 600V
Output signal (AC current)	500mA,1A,5A AC at nominal input current

Electrical parameters - continued	
Output signal (AC voltage)	500mV,1V,5V AC at nominal input current
Frequency range	40Hz-2000Hz
Dielectric strength	3KV 50Hz/60Hz at 1 minute
Temperature range	-20°C to +55°C
Output	2.5 meter cable with D01 connector
Max. voltage not insulated conductors	600 V
Standard	EN 61010-1, EN 61010-2-032, IEC60044-1
Installation	Clamp type
Output mode	Lead output (2.5m)

Mechanical parameters	
Dimensions (L x W x H) (mm)	122 x 275 x 35.5
Weight (g)	720
Holding wire diameter (mm)	φ60 x 70
Max. jaw opening (mm)	60
Jaw color	White
Material	PC+ABS+Polycarbonate, UL94 V0