Q20A

High Accuracy Handheld Mini Current Clamp On Sensors

The model Q20A clamp on sensor is ideal for using with electronic meter or other device with AC current input, it is suitable for 200A cable online measurement.



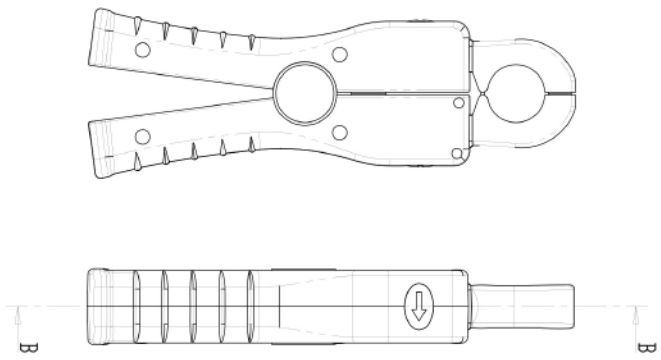
Applications

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 200A AC
2. Small, compact size
3. Improved ergonomic design and easy operation
4. Low phase shift for power measurement
5. With load capacity ≤4Ω
6. Output model: Lead output(2.5m)





Parameters

Electrical parameters	
Ratio	**1000: 1 or 2000:1 (customized)**
Accuracy class	**0.1%, 0.2%**
Primary current	**0 - 200A AC**
Secondary current	0 - 200mA AC (customized)
Max. Cont. Input current	**240A**
Over voltage category	**CAT III 600V**
Output signal (AC current)	**From 0 to 200mA AC at nominal input current**
Electrical parameters - continued	
Output signal (AC voltage)	From 0 to 200mV 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)	48 x 186 x 27
Weight (g)	300
Holding wire diameter (mm)	ϕ20
Max. jaw opening (mm)	20
Color	Black
Material	PC+ABS+Polycarbonate, UL94 V0