

# AC & DC Current Probes PT740-1A



## Characteristic

- Fast, safe and easy AC/DC current measurement
- Suitable for power measurements with true RMS detection under DC bias conditions.
- BNC interface is standard, and the special interface for multimeter can be customized.
- Battery power is standard, optional adapter if required.

Model	PT740-1A
Bandwidth(-3dB)	DC-150kHz
Accuracy	±1.5%+5mV(Typical)
AC Range	100X:0.2A~40Apeak; 1000X:40A~400Apeak
DC Range	100X:0.4A~40A; 1000X:40A~400A
Output signal ratio	10mV/A(100X); 1mV/A(1000X)
Noise	1mV rms
Rise/Fall time	2.3μs
Reference conditions	18°C~28°C, 20~75%RH, sinusoidal frequency 48Hz~65Hz, external magnetic field<40A/m, no DC component, no AC carrier nearby, center test sample, load impedance≥1MΩ and ≤100pF, DC-65Hz measurement reset is 0, battery 9V±0.1V
Load impedance	≥1MΩ and ≤100pF
Input impedance	50Hz:0.39MΩ,1000Hz:58MΩ
Working voltage	600V rms max
Influence of the Position of the jaw conductor	0.5% reading
Battery/Battery life	9V alkaline battery / approx. 50 hours
Battery capacity indication	At > 6.5V, the green LED is on.
Overload indicator	The red LED indicates that the measurement current is too large and the measuring range needs to be changed
Automatic shutdown time	10 minutes
DC zero adjustment	Yes
Jaw size (insert conductor)	1 cable: diameter 30mm; 2 cables: 24mm diameter or 2x31.5x10mm bus
Temperature and humidity	0~50°C / 20~75% RH
Output	The cable length is 2M, BNC interface, and the special interface for multimeter can be customized
Dimension(L×W×H)/weight	224×97×44mm / 440g