

Data sheet

ICA 10T

Flexi Current Probe3000AAC 10inch

Feature:

- 3000A AC current measurement
- Slide switch to change range
- Voltage output to universal voltage meters
- 10inch head cable length
- 7.5mm coil diameter for tight space measurement
- 2 meter extension cable
- Low Batt. LED indicator
- Ergonomically designed one hand operation
- CAT IV 600V/ CAT III 1000V safety standard

Specifications:

- Accuracy is \pm (% reading + counts of least significant digit) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, with relative humidity Less than 80% R.H.
- Accuracy is specified for a period of one year after calibration

Position Error of Clamp:

Accuracy and position error assumes centralized primary conductor at optimum position, no external electrical or magnetic field, and within operating temperature range.

Distance from Optimum (mm)	Error
15	$\pm 2.0\%$
25	$\pm 2.5\%$
35	$\pm 3.0\%$

AC Current:

Range	Output Voltage	Accuracy
30.00A	100mV/1A	$\pm(3\%$ of full scale) for 45Hz - 500Hz
300.0A	10mV/1A	
3000A	1mV/1A	

Output Noise : < 5mV for each range

Max. output voltage : 4.5Vpeak

General:

Low Battery Indication:	Voltage drops below operating voltage the battery indicator will flash
Auto Power Off:	Approx. 20 minutes after last operation
Operating Temperature:	0 °C ~ 30 °C ($\leq 80\%$ RH) 30 °C ~ 40 °C ($\leq 75\%$ RH) 40 °C ~ 50 °C ($\leq 45\%$ RH)
Storage Temperature:	-20°C to 60°C, 0% RH to 80% RH (batteries not fitted)
Temperature Coefficient:	0.2 x (Specified accuracy) / °C, < 18°C, > 28°C .
Safety:	IEC 61010-1: CAT IV 600V, CAT III 1000V
Maximum Conductor Size	10inch
Power Requirement:	AAA Size Battery x 2
Battery Life: (Alkaline)	160 hours
Size:	120mm(W) x 280mm(H) x 25mm(D)
Weight:	Approx. 170g (with battery)
Accessories:	Battery (installed) and User Manual