

DIGITAL CLAMP TESTER

AC CURRENT

Model **2100**

20A / 200A / 2000A

55mm ϕ CT



FEATURES

- Wide range of current measurements with tear drop style CT up to 2000A range.
- Additional AC/DC voltage, resistance, diode test and continuity check.
- Data hold and auto power off function.

SPECIFICATIONS

- Safety standard : Meets the requirements for double insulation to IEC 61010-1 (2001), IEC 61010-2-032 (2002) installation Category III 600V phase to earth.
- E.M.C. standard : The instrument meets EN 61326 (2004).
- Measuring method : Dual integration mode
- Jaw opening capability : 55mm ϕ
- Display : 3 $\frac{1}{2}$ digit LCD max. reading of 1999 and annunciators
- Over range indication : Blanking of all digits except MSD1
- Low battery indication : " \square " mark on LCD readout
- Sampling : 2 times/s
- Data hold indication : "DH" mark on LCD readout
- Auto power off : The meter is set to power off mode approx. 10 minutes after the power switch on.
- Operating temperature : 0°C to 40°C, <80%RH
- Storage temperature : -10°C to 60°C, <70%RH

- Power supply : "AAA" size, R03(1.5V) \times 2
- Power consumption and battery life : Approx. 3.5mW, 500 hours continuous.
- Size : 85(W) \times 240(H) \times 34(D)mm
- Weight : Approx. 350g
- Accessories : Carrying case \cdots 1 Test lead \cdots 1 set Instruction manual \cdots 1 Batteries \cdots 2

Measuring ranges (23°C \pm 5°C, < 80%RH) :

Range		Accuracy	Max. input
~A (50/60Hz) Manual range	20A	\pm 1.2% rdg \pm 10 dgt	AC 2000A (30 seconds)
	200A	\pm 1.2% rdg \pm 10 dgt	
	2000A	\pm 1.2% rdg \pm 8 dgt	
~V (50/60Hz) $\overline{\sim}$ V Auto range	2V	\pm 0.7% rdg \pm 5 dgt	AC/DC 600V rms
	20V	\pm 1.2% rdg \pm 5 dgt	
	200V	\pm 1.2% rdg \pm 5 dgt	
	600V	\pm 1.2% rdg \pm 5 dgt	
Ω (OHM) Auto range	200 Ω	\pm 1.2% rdg \pm 5 dgt	Input protection 250V rms (30 seconds)
	2K Ω	\pm 1.2% rdg \pm 5 dgt	
	20K Ω	\pm 1.2% rdg \pm 5 dgt	
	200K Ω	\pm 1.2% rdg \pm 5 dgt	
	2000K Ω	\pm 1.2% rdg \pm 5 dgt	
•)) Continuity check	2K Ω	Continuity beeper <Approx. 300 Ω	250V rms
	$\overline{\sim}$ Diode Test	2V	\pm 10% rdg \pm 3 dgt