Digital Clamp Tester

AC Current ,20A/200A/2000A ,55mm ϕ CT

Model 2100 (CE)

FEATURES

- Wide current measurements with tear drop type 55mm ϕ CT up to 2000A.
- Data-hold and Auto power off function.
- Additional AC/DC voltage, resistance, diode test, continuity check.
- Conform to IEC safety requirements.

SPECIFICATIONS

Safety standard	: IEC 61010-1, IEC 61010-2-032 ,Installation Category Ⅱ 600V or CategoryⅢ300V.
E.M.C. standard	: IEC 61326.
Measuring method	: Dual slope integration mode
Display	: 3.5 digit LCD, max. reading of 1999
Jaw opening capability	: 55mm ϕ
Over range indication	: Blanking of all digits except MSD 1
Low battery indication	: "Battery" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling	: 2 times/sec.
Withstanding voltage	: AC 3700V 1 minute max. (Between the core of CT and outer case)
Operating temperature	: 0℃ to 40℃, 80%RH max. (Without condensation)
Storage temperature	: －10℃ to 60℃, 70%RH max. (Without condensation)
Power supply	: 1.5V (AM-4,LR03 or AAA)×2
Power consumption	: 3.5mW
Auto power off	: Approx.10 minutes later after power on
Battery life	: Approx.500 hours continuous
Size	: 85(W)×240(H)×34(D)mm
Weight	: Approx. 350g
Accessories	: Hard carrying case.....1 Instruction manual.....1 Test lead.....1set Batteries.....2

Accuracy (23℃±5℃, 80%RH or less)

Function	Range	Accuracy	Maximum input
AC A (50/60Hz) Manual ranging	20A	±1.2% rdg ±10 dgt	AC2000A (30 second)
	200A	±1.2% rdg ±10dgt	
	2000A	±1.2% rdg ± 8 dgt	
AC V (50/60Hz) DC V Auto ranging	2V	±0.7% rdg ± 5 dgt	DC 750V or AC 750V rms
	20V	±1.2% rdg ± 5 dgt	
	200V	±1.2% rdg ± 5 dgt	
	750V	±1.2% rdg ± 5 dgt	
Resistance(Ω) Auto ranging	200Ω	±1.2% rdg ± 5 dgt	Input protection 250V rms (30 second)
	2kΩ	±1.2% rdg ± 5 dgt	
	20kΩ	±1.2% rdg ± 5 dgt	
	200kΩ	±1.2% rdg ± 5 dgt	
	2000kΩ	±1.2% rdg ± 5 dgt	
	20MΩ	±3.0% rdg ±10 dgt	
Continuity check	2kΩ	Beeper <approx.300Ω	250V rms
Diode test	2V	±10% rdg ± 3dgt	250V rms