

# DIGITAL CLAMP TESTER

## AC CURRENT

### Model 2010

20A / 200A / 600A  
40mmφ CT



CE

#### FEATURES

- Multi function clamp-on tester
- 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 1010-2-032, IEC 1010-1 (1995), EN 61010-1 (1995) installation Category III 600V phase to earth.
- E.M.C. standard : The instrument meets EN 50081-1 and EN 50082-1 (1992).
- Withstanding voltage : AC 5500V, 1 minute (between outer case and core of CT)
- Measuring method : Dual integration mode
- Jaw opening capability : 40mm φ
- Display : 3 1/2 digit LCD max. reading of 2000 and annunciators
- Over range indication : Blanking of all digits except MSD1 (Except AC/DC 600V and AC 600A range)
- Low battery indication : "B" 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)×2
- Power consumption and battery life : Approx. 3.5mW, 500hours continuous.
- Size : 70(W)×223(H)×34(D)mm
- Weight : Approx. 425g
- Accessories : Carrying case.....1 Test lead.....1 set Instruction manual.....1 Batteries.....2

Measuring ranges (23°C±5°C, <80%RH) :

Range	Accuracy	Max. input	
~A (50/60Hz) Manual range	20A	± 1.5% rdg ± 10 dgt	
	200A	± 1.5% rdg ± 10 dgt	
	600A	± 1.0% rdg ± 8 dgt	
~V (50/60Hz) =V Auto range	2V	± 0.7% rdg ± 5 dgt	
	20V	± 1.2% rdg ± 5 dgt	
	200V	± 1.2% rdg ± 5 dgt	
	600V	± 1.2% rdg ± 5 dgt	
Ω (OHM) Auto range	200Ω	± 1.2% rdg ± 5 dgt	
	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% rdg ± 10 dgt	Input protection 250V rms	
·)) Continuity check	2KΩ	Continuity beeper <Approx. 300Ω	250V rms
▷ Diode Test	2V	± 10% rdg ± 3 dgt	250V rms

# DIGITAL CLAMP TESTER

## AC CURRENT

### Model 2100

20A / 200A / 2000A  
55mmφ CT



CE

#### 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 1010-2-032, IEC 1010-1 (1995), EN 61010-1 (1995) installation Category III 600V phase to earth.
- E.M.C. standard : The instrument meets EN 50081-1 and EN 50082-1 (1992).
- Measuring method : Dual integration mode
- Jaw opening capability : 55mm φ
- Display : 3 1/2 digit LCD max. reading of 1999 and annunciators
- Over range indication : Blanking of all digits except MSD1
- Low battery indication : "B" 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)×2
- Power consumption and battery life : Approx. 3.5mW, 500 hours continuous.
- Size : 85(W)×240(H)×34(D)mm
- Weight : Approx. 350g
- Accessories : Carrying case.....1 Test lead.....1 set Instruction manual.....1 Batteries.....2

Measuring ranges (23°C±5°C, <80%RH) :

Range	Accuracy	Max. input	
~A (50/60Hz) Manual range	20A	± 1.2% rdg ± 10 dgt	
	200A	± 1.2% rdg ± 10 dgt	
	2000A	± 1.2% rdg ± 8 dgt	
~V (50/60Hz) =V Auto range	2V	± 0.7% rdg ± 5 dgt	
	20V	± 1.2% rdg ± 5 dgt	
	200V	± 1.2% rdg ± 5 dgt	
	600V	± 1.2% rdg ± 5 dgt	
Ω (OHM) Auto range	200Ω	± 1.2% rdg ± 5 dgt	
	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% rdg ± 10 dgt	Input protection 250V rms (30 seconds)	
·)) Continuity check	2KΩ	Continuity beeper <Approx. 300Ω	250V rms
▷ Diode Test	2V	± 10% rdg ± 3 dgt	250V rms