

AC/DC Digital Clamp Leaker

AC/DC Leakage Current, 200mA/2000mA/10A
True rms reading ,20mm ϕ CT

Model 600 (CE)



The world first AC/DC leakage current clamp tester

FEATURES

- True rms reading for AC current measurements.
- The least affection from the external magnetic field and noise with double shielding of CT.
- 4~20mA loop current measurements for control circuit.
- Sleeping current measurements for automotive service.
- Max. & Min.hold function
- Data-hold function and auto power off
- Auto zero adjustment for DC current offset

SPECIFICATIONS

Safety standard	:	IEC61010-1,IEC61010-2-032	Installation Category II 300V
Measuring method	:	Dual slope integration mode	
AC conversion	:	True rms responding	
Display	:	3.5digit LCD max. reading of 1999	
Measuring range	:	AC/DC 0~200mA/2000mA/10A	

Accuracy (23°C±5°C, 80%RH or less)

Range	Input range	Resolution	Accuracy
AC 200mA	0~1999mA	100 μ A	$\pm 1.0\%rdg \pm 5dgt$ (50/60Hz)
AC 2000mA	0~199.9mA	1mA	$\pm 1.0\%rdg \pm 5dgt$ (50/60Hz)
AC 10A	0~9.99mA	0.01A	$\pm 1.0\%rdg \pm 10dgt$ (50/60Hz)
DC 200mA	0~199.9mA	100 μ A	$\pm 1.0\%rdg \pm 3dgt$
DC 2000mA	0~1999mA	1mA	$\pm 1.0\%rdg \pm 3dgt$
DC 10A	0~9.99mA	0.01A	$\pm 1.0\%rdg \pm 10dgt$

Error by hysteresis of hall effect : $\pm 3\%rdg$

Jaw opening capability	:	20mm ϕ
Over range indication	:	“OL” mark on LCD.
Polarity	:	“—” sign for negative polarity
Low battery indication	:	“B” mark on LCD
Data hold indication	:	“DH” mark on LCD
Max. memory function	:	“Max” mark on LCD with max. value
Min. memory function	:	“Min” mark on LCD with min. value
DC current zero offset	:	By push button switch
Sampling time	:	1.6 times/sec
Limitation of circuit voltage	:	Less than AC/DC 300V
Withstanding voltage	:	AC 2300V 1 minute max. (Between the core of CT and outer case)
Operating temperature	:	0°C ~ 50°C<80%RH (without condensation)
Storage temperature	:	-10°C ~ 60°C<75%RH (without condensation)
Power supply	:	1.5V (AM-3,LR6 or AA)×2
Auto power off	:	Approx.10 minutes later after power on
Battery life	:	Approx.120 hours or more
Size	:	76(W)×194(H)×30(D)mm
Weight	:	Approx. 340g
Accessories	:	Carrying case.....1
		Batteries.....2
		Instruction manual.....1