

LOW CURRENT DC CLAMP METER

SK-7830



CE

Coming Soon!

LOW CURRENT DC CLAMP, 4000mA DC RANGE

Quick! Easy!
Just Clamping-On!

- ❖ 4000mA DC Range
- ❖ Power-On Initialize
- ❖ Newly-Developed External-Noise-Preventable Core Mechanism



SK-7830

4000mA DC Range with High Usability. Automobile Dark Current is Measurable Just Clamping-On.

Measurement Items

4000mA DC range usable for low DC current measurement such as automobile dark current.



Power-On Initialize

Automatic Zero-Adjustment function to adjust LCD indications into 0±1 digit when powered on.

Stable Reading

Even in low current measurement, SK-7830's LCD reading is always stable.

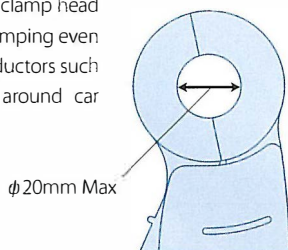
Generally, low current measurement value is hard to read due to its instability. SK-7830 solved this problem by its own internal processing system to minimize reading-instability.

Newly-Developed External-Noise-Preventable Core Mechanism

Shielded clamp core prevents external noise or effect of external magnetic field.

Small-Sized Clamp Head

SK-7830's small clamp head assures easy clamping even for narrow conductors such as the cables around car engine.



Display Hold

Enables to hold LCD indications. Effective to confirm measurement values as necessary.

Difference Measurement

Relative measurement function. Just pushing 0 ADJ (DIFF) key, convert a measurement value into zero and indicate relative values.

Auto Power Off

Power turns off automatically after a lapse of following minutes.

4000mA range : Approx. 5 minutes

40A/200A range : Approx. 10 minutes

CE Marking Approved

Automobile Dark Current Measurement with SK-7830

Dark Current : Discharging current consumed by such as car navigation, clock, immobilizer, and electrical circuit back-up even when the engine is stopped. Measuring it is effective to check excessive current that may cause battery-runs-out.

① Stop the car engine, and leave it stopped for approx. 15 minutes. Confirm that door lamp, room lamp, or headlight are turned off.

③ Clamp a minus cable of car battery.

② Set SK-7830's FUNCTION switch to "4000mA" without touching trigger nor open clamp head.

※ Power-On Initialize does not work properly if power turned on with clamp head opened.



④ Read the measurement value on LCD.

If measurement value is higher than the specified value, check if any of car lamps remain lighting.

Model	SK-7830	
DC Current (Manual - ranging / Auto - ranging)	Range	Accuracy
	4000mA	±1.5%rdg±5dgt (5mA~)
	40.00A 200.0A	±1.5%rdg±5dgt
Functions	Power-On Initialize, Display hold, Zero adjustment, Difference measurement, Auto power off	
Display (LCD)	4000 count, Maximum reading 4050, 12mm high	
Sampling Rate	64 times / second	
Power Supply	1.5V R6P (AA) Batteries x 2	
Continuous Operating Time	Approx. 60 hours (Alkaline cell), Approx. 30 hours (Manganese cell)	
Conductor Diameter	φ 20mm Max	
Safety Level	CE Marking approved (IEC-61010-1, CAT III 300V, CAT I 600V, and EMC Test passed.)	
Dimensions	203(H) × 61(W) × 30(D)mm	
Weight	Approx. 230g (including batteries)	
Accessories	1011 Carrying Case, 1.5V R6P (AA) batteries x 2, Instruction Manual	



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