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TRIAxIAL ELF MAGNETIC FIELD METER

SK-8301 **NEW**



TRIAxIAL ELF MAGNETIC FIELD METER

True RMS! High Performance!

- Accurate Measurement by Triaxial Sensor
- μT or mG are Selectable
- MAX/MIN and Average Measurements

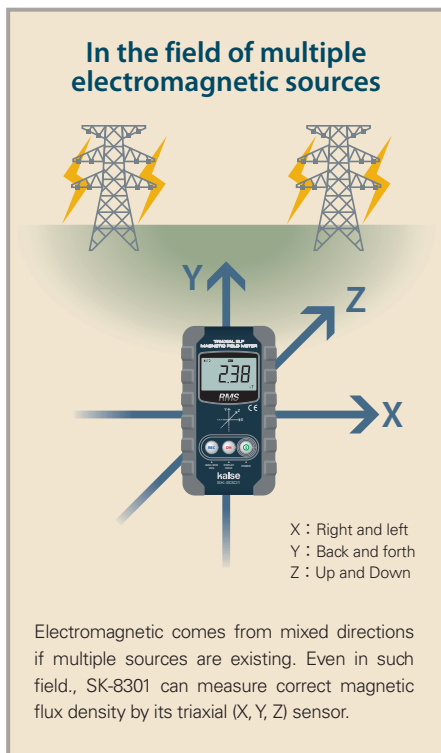


SK-8301

Accurate Measurement by Triaxial Sensor and True RMS. Most Compact, but High Performance.

Accurate Measurement by Triaxial Sensor

For single-axis magnetic field meter, measurement must be incorrect if the sensor is not directed to the object to be measured. SK-8301 incorporates triaxial sensor that can measure X, Y, and Z axes simultaneously which assures accurate measurement regardless of the sensor direction.



True RMS

Due to large distortion contained in electromagnetic wave, measurement result by average rectification meter should be incorrect. SK-8301 measures in True RMS and the measurement result is always accurate.

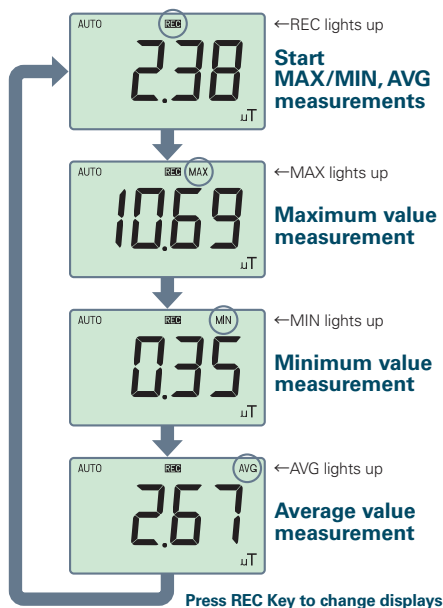
Two Measurement Units

μT or mG are selectable when turning on the power.



MAX/MIN and Average

MAX/MIN and Average measurements are possible.



High Performance

The most compact triaxial and True RMS magnetic field meter with high performance.

User-Friendly Design

Double-molded rubber to get steady grip during the measurement.



Built-in Triaxial Sensor

Quick measurement is possible without connecting any external sensor. Also provides high portability.

Display Hold

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

Auto Power Off

Power turns off automatically after approx. 30 minutes.

CE Marking Approved

CAT I 600V

accuracy at 23°C ±5°C, <80% RH in non-condensing

Model	SK-8301			
	Range	Accuracy	Resolution	Maximum Input
μT measurement (Auto-ranging)	20.00 μT 200.0 μT	$\pm 2\% \text{rdg} \pm 5 \text{dgt}$ (50/60Hz) $\pm 5\% \text{rdg} \pm 5 \text{dgt}$ (40Hz to 1kHz)	0.01 μT 0.1 μT	200.0 μT
mG measurement (Auto-ranging)	200.0mG 2000mG	$\pm 2\% \text{rdg} \pm 5 \text{dgt}$ (50/60Hz) $\pm 5\% \text{rdg} \pm 5 \text{dgt}$ (40Hz to 1kHz)	0.1mG 1mG	2000mG
Functions	MAX/MIN, Average, Display Hold, Auto Power Off			

Display (LCD)	2000 count, Maximum reading 2000, 15mm high	Operatable Temperature & Humidity	0°C to 40°C, 80%RH or lower in non-condensing.
Operating Principle	Triaxial True RMS (X, Y, Z)	Storage Temperature & Humidity	-20°C to 60°C, 70%RH or lower in non-condensing.
Sampling Rate	2 times / second	Temperature Coefficient	Accuracy in 23°C ±5°C × 0.1 / °C
Range Selection	Auto-ranging	Safety Level	CE Marking approved (IEC-61010-1, CAT I 600V and EMC Test passed.)
Response Speed	Within 2 seconds	Power Supply	1.5V R6P (AA) batteries × 2
Rectification	True RMS	Power Consumption	20mA
Measurement Unit	μT / mG (selectable when turning on the power)	Continuous Operating Time	Approx. 100 hours (Alkaline cell), Approx. 50 hours (Manganese cell)
Overload Indication	"OL" indication when exceeding 2000 count	Dimensions & Weight	148 (H) × 83 (W) × 33 (D) mm, Approx. 220g (including batteries)
Battery Warning	⚡ indication at approx. 2.3V ± 0.15V or less	Accessories	1015 Carrying Case, 1.5V R6P (AA) batteries × 2, Instruction Manual
Operating Voltage	2.3V to 3.6V		
Display Hold	Hold indicating values by DH Key		
MAX/MIN, Average	Selectable by REC Key		
Auto Power Off	Power turns off automatically after approx. 30 minutes. (only in normal measurement mode)		

DISTRIBUTOR

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