

4-Wire Digital Earth Resistance / Earth Resistivity Tester



4235 ER

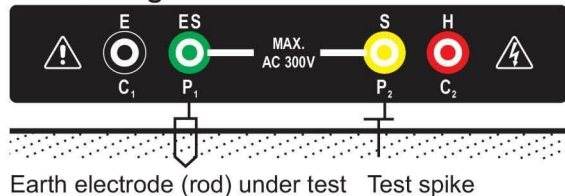
FEATURES

- **Microprocessor-controlled.**
- Earth resistivity (ρ) test.
- Earth testing at 20 Ω , 200 Ω , 2k Ω .
- Earth voltage measuring : 0-300V AC.
- Automatic C spike check.
- Automatic P spike check.
- 2-Wire test, 3-Wire test, 4-Wire test.
- LCM display.
- Auto ranging.
- Auto power OFF.
- Data hold.
- 200 measurement results can be saved in the memory and recalled on the display.
- Interval between auxiliary earth spikes is 1.0~50.0m.

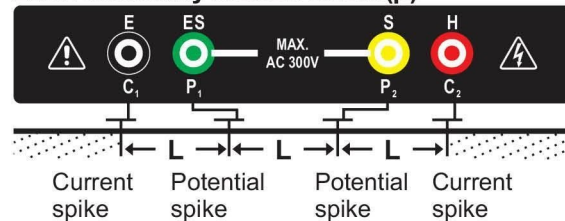
SPECIFICATIONS

Measuring ranges	Earth Resistance	0-20 Ω / 0-200 Ω / 0-2k Ω
	Earth Voltage	0-300.0V AC
	Earth Resistivity ($\rho=2 \times \pi \times L \times R$)	0.06~6.28k Ω .m 0.62~62.8k Ω .m 6.28~628k Ω .m
	Accuracy	Earth Resistance $\pm 2\%rdg \pm 3dgt$ Earth Voltage $\pm 2\%rdg \pm 3dgt$
	Earth resistance resolution	0-20 Ω : 0.01 Ω 0-200 Ω : 0.1 Ω 0-2k Ω : 1 Ω
Measuring system	Earth resistance by constant current Inverter 820Hz approx. 2mA	
Temperature & humidity	Operating: 0 $^{\circ}$ C~40 $^{\circ}$ C $\leq 80\%$ R.H. Storage: -10 $^{\circ}$ C~50 $^{\circ}$ C $\leq 80\%$ R.H.	
Dimensions	250(L) x 190(W) x 110(D)mm	
Weight (battery included)	Approx. 1430g	
Power source	1.5V (AA) x 8	
Safety standards	EN 61010-1 CAT IV 300V IEC 61557-1 IEC 61557-5 EN 61326-1	
Accessories	Instruction manual Test leads (red-15m, black-10m, yellow-10m, green-5m) Auxiliary earth spikes Carry case, Shoulder belt, Batteries	

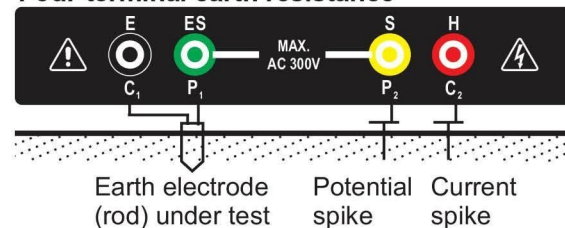
Earth Voltage measurement



Earth resistivity measurement(ρ)



Four-terminal earth resistance



Packing Information

MODEL	QTY/CTN	N.W	G.W	GUFF
4235 ER	4PCS	17.5	18.5	3.01