

# DY4100A | DY4100B

## DIGITAL EARTH RESISTANCE AND SOIL RESISTIVITY TESTER

- 2/3/4 pole measurement (DY4300B)
- ground resistance measurements from 0.001ohm to 2000ohms with 0.001ohm resolution
- Soil resistivity measurements from 0.3 to 395.4KΩ.m (DY4300B)
- Data hold, auto power off, low battery warning, over load protection.
- Solar energy voltage up to 1500VDC
- LCD backlight
- Auto time test



### SPECIFICATION

	RANGE		RESOLUTION	
Earth Resistance	2Ω	0.03~2.000Ω	0.001Ω	±(3%+10dgt)
	20Ω	0.03~20.00Ω	0.01Ω	±(3%+5dgt) (*1)
	200Ω	0.3~200Ω	0.1Ω	±(3%+5dgt) (*1)
	2000Ω	3~2000Ω	1Ω	±(3%+5dgt) (*1)
AC Voltage	0~600Vac			±(2%+2dgt)
Solar Energy Voltage	0~1500Vdc			±(2%+2dgt)
Data Hold	yes			
Soil Resistivity (DY4300B)	2Ω	0.3~395.4Ω.m		
	20Ω	0.3~3954Ω.m		
	200Ω	0.003K~39.54KΩ.m		
$\rho = 2 \cdot n \cdot a \cdot R_g$ (*2)	2000Ω	0.03K~395.4KΩ.m		
Working LED Indicator	yes			
Function Symbol Display	yes			
Low Battery Warning	yes			
LCD Backlight	yes			
Power Source	SizeAA 1.5V x 6 (UM3)			
Dimension	190 x 155 x 75 mm			
Weight	approx. 900g			

### STANDARD ACCESSORIES



(\*1) Auxiliary earth resistance is 100ohm with Rk correction

(\*2) Depending on the measured Rg, interval [a] between auxiliary earth spikes is 1.0-30.0m