

DY2400

CLAMP-ON GROUND RESISTANCE AND GROUD INDUCTANCE TESTER

- 55*32 mm jaw size for larger ground rods
- Autoranging ground resistance measurement from 0.01 to 1000 ohms with 0.001 ohm resolution
- True RMS AC Leakage current measurement from 0.05mA to 30A with 0.05mA Resolution
- Autoranging groud inductance measurement from 2uH to 500uH with 2uH resolution
- USB connection for data downloading
- Ergonomic mold, full rubber coating and hand strap for slip proof
- Data memory 99 sets
- Verification resistor confirms accuracy of meter
- Complete with heavy duty carry case and verification resistor
- Individual earth resistance point value extraction in limited point earth resistance networking measurement and three-pole earth resistance measurement



SPECIFICATION	RANGE	RESOLUTION	DY2400
Earth Resistance	0.01Ω~0.099Ω ±(1%±0.01Ω)	0.001Ω	●
	0.10Ω~0.99Ω ±(1%±0.01Ω)	0.01Ω	●
	1.0Ω~49.9Ω ±(1.5%±0.1Ω)	0.1Ω	●
	50.0Ω~99.5Ω ±(2%±0.5Ω)	0.5Ω	●
	100Ω~199Ω ±(3%±1Ω)	1Ω	●
	200Ω~395Ω ±(6%±5Ω)	5Ω	●
	400Ω~590Ω ±(10%±10Ω)	10Ω	●
600Ω~1000Ω ±(20%±20Ω)	20Ω	●	
Min. Resolution		0.001Ω	●
Configurable alarm value of resistance		0~199Ω	●
Leakage Current	0 ~ 80mA ±(2.5%+1mA)	50μA	●
	80mA ~ 650mA ±(2.5%+2mA)	0.5mA	●
	650mA ~ 4A ±(2.5%+10mA)	5mA	●
	4A ~ 30A ±(2.5%+20mA)	10mA	●
Min. Resolution		50μA	●
Configurable alarm value of current		0~499mA	●
Measurement of Leakage Current			45~65Hz RMS
Earth inductance(*)	10uH ~ 100uH ±3%±R	2uH	●
	100uH ~ 500uH ±3%±R		
Individual earth resistance point value extraction in limited point earth resistance networking measurement			●
Individual earth resistance point value extraction in three-pole earth resistance measurement			●
Memory	99 sets		●
USB interface			●
Conductor Size	Φ55mm*32mm		●
Working Temperature	-10° C ~ 55° C		●
Working Humidity	10%~90%		●
LCD Size	28*46mm		●
Power Supply	AA 1.5V*4		●
Dimension	285*90*60mm		●
Weight	approx. 1250g (battery included)		●

STANDARD ACCESSORIES



Verification Resistor



Carry case



(*)

Remark: In below cases groud inductance is considered as a tiny ratio in ground impedance and will not be measured:

1. When earth ground resistance > 25Ω

2. When $\frac{\text{Resistance}(\Omega)}{\text{Inductance}(H)} > 10^5$