

# EARTH RESISTANCE TESTERS



## COMPARISON CHART

Function	DY1400	DY1300	DY1200	DY1100	DY1500	DY1000A	DY2100	DY2200	DY2300	DY4305	DY4300B	DY4300A	DY4300	DY4104	DY4103	DY4200	DY4100	DY4102
Earth Resistance	0~1800Ω	0~1300Ω	0~1000Ω	0~1000Ω	0~1000Ω	0~1000Ω	0~1000Ω	0~1000Ω		0~20kΩ	0~200kΩ	0~20kΩ	0~20kΩ	0~100Ω	0~1000Ω	0~2000Ω	0~2000Ω	0~1000Ω
Min. Resolution	0.001Ω	0.001Ω	0.001Ω	0.001Ω	0.001Ω	0.001Ω	0.001Ω	0.001Ω	0.001Ω	0.01Ω	0.001Ω	0.01Ω	0.01Ω			0.01Ω	0.01Ω	
2-pole										●	●	●	●	●	●	●	●	●
3-pole										●	●	●	●	●	●	●	●	●
4-pole										●	●	●	●	●	●			
Stakeless measurement(clamp on)	●	●	●	●	●	●	●	●	●	●								
Conductor Size	55*32mm	55*32mm	65*32mm 55*32mm	32*32mm	55*32mm	55*32mm	55*32mm	55*32mm	55*32mm	75*32mm								
Residual resistance Rk										●	●	●	●					
Soil Resistivity										0.3~1999 KΩ.m	0.3~1999 KΩ.m	0.3~1999 KΩ.m	0.3~1999 KΩ.m					
Interference Voltage Ust										0~30Vrms	0~50Vrms	0~30Vrms				0~30Vrms	0~30Vrms	0~30Vrms
Frequency of Interference Voltage										40~500Hz	40~500Hz	40~500Hz						
Leakage Current	0~30A TRMS	0~30A TRMS	0~30A RMS					0~30A RMS	0~30A TRMS									
Min. Resolution	50μA	50μA	50μA					50μA	50μA									
Measuring Voltage Um										10V 94,105, 111,128Hz	10V 94,105, 111,128Hz	10V 94,105, 111,128Hz	10Vrms 125Hz			approx. 47V	approx. 47V	approx. 47V
Measuring current Im										max. 10mA	max. 10mA	max. 10mA	max. 10mA					
Configurable Alarm	●	●							●									
Memory capacity	120	99	99		99	99	99	99	99	1000	1000	1000	1000					
USB connection							●	●	●									
Recording Intervals	1 sec.~ 8 hrs																	
Computer Communication					●													
Safety Category	CATIII 150V	CATIII 150V	CATIII 150V	CATIII 150V	CATIII 150V	CATIII 150V	CATIII 150V	CATIII 150V	CATIII 150V	CATIV 150V CATIII 300V	CATIV 150V CATIII 300V	CATIV 150V CATIII 300V	CATIV 150V CATIII 300V	CATIII 150V	CATIII 150V	CATIII 300V CATII 600V	CATIII 300V CATII 600V	CATIII 300V CATII 600V
Verification resistor	●	●	●	●	●	●	●	●	●									
DY39 Earth Wires and Spikes																●	●	●
DY41 Simple Earth Wires																●	●	●
DY42 Four-pole Earth Wires and Spikes										●	●	●	●	●	●			
DY50 Heavy Duty Carry case	●	●	●	●	●	●	●	●	●							●		
DY45F Heavy Duty Oxford Fabric bag																●		
DY45A Heavy Duty Oxford Fabric bag										●	●	●	●				●	●
DY45G Heavy Duty Oxford Fabric bag														●	●			