



AR4105A+
Digital Earth Resistance Tester



AR4105B
Digital Earth Resistance Tester

SPECIFICATIONS	AR4105A+	AR4105B
Measurement method	All gears are tested continuously	All gears are tested continuously
Earth voltage range	0~200V	0~200V
Earth voltage accuracy	$\pm (3\%rdg+5dgt)$	$\pm (2\%rdg+5dgt)$
Resolution	0.1V	0.1V
Earth resistance range	2 Ω : 0~1.999 Ω 20 Ω : 2~19.99 Ω 200 Ω : 20~199.9 Ω	20 Ω : 0~19.99 Ω 200 Ω : 20~199.9 Ω 2000 Ω : 200~1999 Ω
Earth resistance accuracy	$\pm (3\%rdg+0.02\Omega)$ $\pm (3\%rdg+0.1\Omega)$ $\pm (3\%rdg+3dgt)$	$\pm (3\%rdg+0.1\Omega)$ $\pm (3\%rdg+3dgt)$ $\pm (3\%rdg+3dgt)$
Resolution	0.001 Ω ~0.1 Ω	0.01 Ω ~1 Ω
Response time	Resistance: About 5 seconds Voltage: About 2 seconds	Resistance: About 5 seconds Voltage: About 2 seconds
Insulation impedance	500V wire $\geq 5M\Omega$ to rubber shell	500V wire $\geq 5M\Omega$ to rubber shell
Pressure resistant	Wire pair rubber shell 3700V AC	Wire pair rubber shell 1500V AC
Overload protection	Ground Resistance: 200V AC (10 sec) / Ground Voltage: 300V AC (30 sec)	
Operating environment	0°C~40°C , $\leq 85\%$	0°C~40°C , $\leq 85\%$
Storage environment	-20°C~60°C , $\leq 90\%$	-20°C~60°C , $\leq 90\%$
Product weight	517g	522g
Power supply	6x1.5V (AA) battery	6x1.5V (AA) battery
Product size	125x64x174mm	125x64x174mm
Quantity of carton	5 (PCS)	5 (PCS)