

Advanced Earth Resistance Tester

KPS-TL500



With the latest technology in a small-sized, robust and easy-to-use instrument, **TL500** earthing resistance tester is mainly used to test the earthing resistance of transformer, lightning-proof system, high-voltage power tower and telecommunication equipments, etc., providing a perfect solution for the earthing resistance test.



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General	
Display	10000 Counts
Auto Power Off	✓
Clock	✓
AVG	✓
Back Light	✓
Data Storage	100 groups
RK Compensation Resistance	✓
Limit Values	✓
Alarming Indicator for limit values	✓
Battery capacity Indicator	✓
USB interface	✓
Dimensions	284x230x125mm
Work light	✓
Weight	2.5kg
Power requirement	6xLR14 Alkaline; rated Voltage:6x1.5V Recharge Battery:Ni-MH Recharge battery 7,2V(optional) Charger:Input:100-240V(50-60Hz); Output:12 DCV 3A(optional)
Standards	EC 61010-1, IEC/EN61010-2-033
Safety category	CAT III 300V
Accessories included	Test wire x4, Alligator clips x4, Voltage clamp +cable, Current clamp+ cable, stakes x4, USB cable, Alkaline batteries x6, user manual

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Especifications		
Function	Range	Resolution
3 Poles & 4 Poles	0.02Ω~300kΩ	0.001Ω
Earthing-Resistance Test		
Selective mode (3 poles + Clamp/4 poles + Clamp)	0.02Ω~20kΩ	0.001Ω
Non-auxiliary-polar mode (2 Clamps)	0.02Ω~150Ω	0.001Ω
2 Poles R (AC) Test	0.02Ω~300kΩ	0.001Ω
2/4 Poles R (DC) Test	0.02Ω~3kΩ	0.001Ω
Soil Resistivity ρ Test	0.02Ω-m ~ 1000Ω-m	0.001Ω-m
Wire Compensation	30Ω	0.001Ω
Interfering Voltage/Current/Frequency	1 ~ 50V/ 16Hz ~ 400Hz/20mA ~ 2A	0.1V/1Hz/1mA

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