

Battery Ground Fault Tracer

RD-JD200 can not only provide a solution on accurately testing the faults of the indirect-grounding of the direct current system, non-metal grounding, loop grounding, simultaneous grounding of the anode and cathode, balanced grounding of the anode and cathode and multi-point grounding; it also can accurately display the system voltage, voltage to ground and grounding resistance value. It truly eradicates the fear of trouble in the rear for the operating and testing personnel.



Product features

1. The device uses a high resolution (0.1mA) signal sampling DC clamp meter that can achieve multi-points grounding and high resistance ground point positioning.
2. Clamping the circuit branch and pressing the operation button can complete the testing of a circuit branch within 3-6s.
3. The signal generator and the tester are not subject to the distance limit.
4. Safe to operate and reliable.



Product specifications and technical parameters

The range of testable grounding resistance	0 -500K Ω (when the system voltage is 220V)
	0 -250K Ω (when the system voltage is 110V)
	0 -50K Ω (when the system voltage is 48V)
	0 -10K Ω (when the system voltage is 24V)
The output power of the signal generator	$\leq 0.2W$
	The ground capacitance of single circuit branch $\leq 8\mu F$

The ground impedance distribution capacitance value	The total system ground capacitance $\leq 100\mu\text{F}$
The applicable DC system voltage	220V \pm 10%, 110V \pm 10%, 48V \pm 10%, 24V \pm 10%, or other voltage ranges suggested by the user
The environment temperature	-35°C ~ +55°C
The relative humidity	$\leq 95\%$
Total mass	2.8 kg
Package size	450x180x360 mm
Outline dimension	460x240x120 mm



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