

# sanwa®

## TOKYO JAPAN

Earth Tester

# PDR302



## APPLICATIONS AND FEATURES

This meter is a portable digital earth tester for the inspection and maintenance of electrical construction work.

- Phase detection system circuit for high precision measurement
- AC 30V range to avoid indication errors caused by leak current that flows to the earth
- Power saving design with push switch
- Auxiliary grounding value excess indicator lamp

## SPECIFICATIONS

	<b>Measuring range</b>
Earth resistance(Ω)	10/100/1000Ω
measuring range	Accuracy : ± 5 % of full scale for Ω x 1 : ± 2.5% of full scale for Ω x 10, Ω x 100 range
ACV(leakage voltage)	0~30V
measuring range	Accuracy : ± 2.5% of full scale
Auxiliary grounding value alarm	LED lights at approx. 10kΩ or more
Display	Analog
Measuring method	Constant-current system(tripolar & bipolar)
Guaranteed accuracy	15°C~35°C, below 80%RH No condensation
temperature andhumidity range	
Operating temperature / humidity	0°C~40°C, below 80%RH No condensation
Battery	R6(SUM-3) x 6
Battery alarm	Blinking LED, approx. 6.5V operating voltage (LED normally lights during measurement)
Size / Mass	H175 x W118 x D50mm / 500g
Standard accessories included	Measurement cords (TL-66) : Black 5m x 1 Blue 10m x 1 Red 20m x 1 3 lead wire spools Alligator clips (CL-302) : Black / Blue / Red x 1 Earth bars (CL-ER) : x 2 Carrying case (C-PDR302) : x 1 Storage bag (C-302CB) : x 1 Instruction manual : x 1



A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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