sanwa®
TOKYO JAPAN

ANALOG MULTITESTER

SP21

APPLICATIONS AND FEATURES

This instrument is a portable multitester designed for the measurement of low-voltage circuit.
This is used at small communications equipments, home electric appliances, voltage of lump line, and measurement of various types of batteries.

- ●**Drop shock proof taut-band meter**
- ●**±DCV zero center meter**
- ●**Fuse and diode protection**
- ●**Battery check**
- ●**Tilt stand**

SPECIFICATIONS

	Measuring range	Best accuracy
DCV	0.3(5kΩ)/3/12/30/120/600V(20kΩ/V)	±3% of full scale
(NULL)	±6/30V(20kΩ/V)	±5% of full scale
ACV	12/30/120/300/600V	±3% of full scale
DCA	60µ/30m/0.3A	±3% of full scale
Resistance	2k/20k/2MΩ	±3% of arc
Capacitance	500µF	※1
Continuity	Buzzer sounds at less than approx. 10Ω. Open voltage:3V	

The value in bracket at DCV and ACV is input resistance.
※1 Pointer indication of the maximum move by charged current in the capacitor.

Meter type	Internal magnet, Taut-band meter
AC rectifier form	Half-wave rectifier form
Accuracy assurance temperature /humidity	23±2°C, 75% RH Max No Condensation
Operating temperature / humidity	3〜43°C, 80% RH Max No Condensation
Storage temperature / humidity	-10〜50°C, 70% RH Max No Condensation
Altitude	Horizontal(±5)
Bandwidth	40Hz〜100kHz(AC12V)
Battery	R6P x 2
Fuse	Φ5 x 20mm(250V/0.5A)
Size / Mass	H144 x W99 x D41mm / approx.270g
Standard accessories included	Test lead(TL-21a), Instruction manual

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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