

# sanwa®

## TOKYO JAPAN

### ANALOG MULTITESTER

# CX506a

### APPLICATIONS AND FEATURES

This instrument is a portable multimeter 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. You can also use this model as an electrostatic capacitance measurement and transistor checker of capacitor.

- Wide measurement functions 26ch switches
- Polarity reversal switch for DCV and DCA
- High-sensitivity taut-band meter(DC 50kΩ/V)
- Capacitance measurement by built-in transistor oscillator

### SPECIFICATIONS

	Measuring range	Best accuracy
DCV	120m(4kΩ)/3/12/30/120 300(50kΩ/V)/1000V(15kΩ)	120m : ±4% ±2.5% of full scale
ACV	3/12/30/120/300/750V(8kΩ/V)	±3% of full scale (Less than 12V range : ±4%)
DCA	30μ/0.3m/3m/30m/0.3A	±2.5% of full scale
Resistance	5k/50k/500k/5M/50MΩ	±3% of arc
Capacitance	C1 : 50p~0.2μF C2 : 0.01μ~20μF C3 : 1~2000μF	C1/C2 : ±6% of arc C3 : Approximate value
hFE (DC Current Amplification Factor)	Transistor hFE : 0~1000	Approximate value

AC rectifier form	Half-wave rectifier form
Meter type	Internal magnet, Taut-band meter(15μA)
Accuracy assurance temperature / humidity	23±2°C 75%RH max. No condensation
Operating temperature / humidity	5~40°C, Humidity must be as below, and No condensation 5~31°C, 80%RH(Max). 31~40°C, 80~50%RH(decreasing linearly)
Storage temperature / humidity	-10 to 50°C, 70% RH or less, No Condensation
Operating environment	Altitude 2000 m or less, indoor use, environmental pollution degree II
Bandwidth	40~30kHz(12V:40Hz~30kHz 30V~:40Hz~10kHz)
Battery	R6P x 2, 6F22 x 1
Fuse	Φ5.0 x 20mm (250V/0.5A)arc-extinguishing material in ceramic tube
Size / Mass	H165 x W106 x D46mm / approx.370g
Standard accessories included	Test lead(TL-21a), Clip lead(CL-506a),Instruction manual, Spare fuse



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.

# sanwa®

SANWA ELECTRIC INSTRUMENT CO., LTD.

Dempa Bldg, 4-4 Sotokanda 2-Chome, Chiyoda-Ku, Tokyo 101-0021 Japan  
Tel:+81-3-3251-0941 Fax:+81-3-3256-9740

[www.sanwa-meter.co.jp](http://www.sanwa-meter.co.jp)

Distributed by