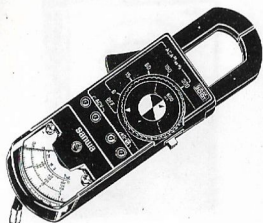


sanwa

CAM-300T

Clamp meter with thermometer

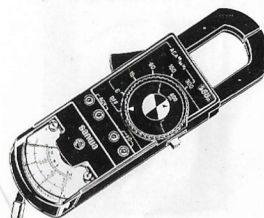


- CAM-300D plus a function as a thermometer.
- ACA: 6~15~60~150~300A
- ACV: 150~300~600V
- kΩ: 0~50kΩ
- °C: -20~+150°C
- Batt. 1.35V (HD) x 1
- Accessories: Temperature probe, test leads & carrying case.
- 199 x 77 x 39mm 340gr

CAM-300D

Clamp meter

- Wide ranges of measurement applicable commonly to 50/60Hz.
- Scissor motion core arm catches 30mm dia. wire.
- Front and bottom scales for reading convenience.
- ACA: 6~15~60~150~300A
- ACV: 150~300~600V
- kΩ: 0~50kΩ
- Batt. 1.35V (HD) x 1
- Accessories: Carrying case, test leads & clip lead.
- 199 x 77 x 38mm 340gr



CAM-250D

Clamp meter

- Economical and multi-function. Single motion core arm.
- Compact yet provides 4 ranges on ACA and 2 ranges on ACV.
- ACA: 6~30~60~300A
- ACV: 300~600V
- kΩ: 0~50kΩ
- Batt. 1.5V x 1
- Accessories: Carrying case, test leads & spare fuse.
- 179 x 83 x 37.5mm 320gr



CAM-201S

Clamp meter

- Economical type with single motion core arm.
- Exclusive use for 50Hz or 60Hz.
- ACA: 15~60~300A
- ACV: 500V
- kΩ: 0~50kΩ
- Batt. 1.5V x 1
- Accessories: Carrying case, test leads & spare fuse.
- 179 x 83 x 37.5mm 320gr



TO SANWA INSTRUMENTS ARE CONCERTED THE LATEST TECHNIQUE AND ACCUMULATED RESULTS. CHOOSE ONE ACCORDING TO ITS INDIVIDUAL FUNCTIONS.

PDM·DM·G-series

Solid-state insulation testers



< Specifications in common >

- Allowance.
- Insulation meter: ±5% rdg within the 1st effective scale. ±2% full scale for others.
- Resistance: Within ±10% rdg.
- AC voltage: Within ±4% at max. rdg.
- Voltage across the terminals. ±20% & -10% at ∞. Above 90% approx of rated voltage midscale.
- 174 x 122 x 73mm 1kg
- < How PDM, DM & G-series differ? >
- PDM suits for electrical equipments in general. DM for high-power electrical and communication equipments. G-series has a recharger and rechargeable batteries in it.

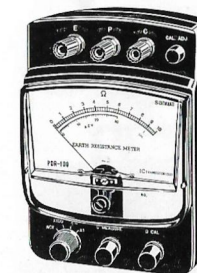
- Measurement, scale calibration and battery check are all operated by pushbutton switches.
- Has constant voltage impressed irrespective of the value of resistance checked. The solid-state equalizing circuit of the meters supplies evenly distributed voltage.
- The spacy scale face makes it easy to take readings.

Model	v/Ω rated	Scale range	Power source
DM-1000/G	1000V/2000MΩ	0-2-1000-2000MΩ	Rechargeable
DM-500/G	500V/1000MΩ	0-1-500-1000MΩ	Rechargeable
PDM-500/G	500V/100MΩ	0-0.1-100-200MΩ	Rechargeable
DM-1000	1000V/2000MΩ	0-2-1000-2000MΩ	UM-2 x 3
DM-500	500V/1000MΩ	0-1-500-1000MΩ	AM or UM-2 x 3
PDM-500	500V/100MΩ	0-0.1-100-200MΩ	AM or UM-2 x 3
PDM-500/C	PDM-500 with 100Ω range		AM or UM-2 x 3
PDM-500/L	PDM-500 with 250VAC range		AM or UM-2 x 3
PDM-250	250V/50MΩ	0-0.05-50-100MΩ	AM or UM-2 x 3
PDM-100	100V/20MΩ	0-0.02-20-50MΩ	UM-2 x 3
DM-525	500V/1000MΩ 250V/500MΩ	0-1-500-1000MΩ 0-0.5-500MΩ	UM-2 x 3

1st effective scale ranges underlined.

PDR-100

Solid-state earth tester



- IC is applied for stable indication.
- Compact and light weight.
- Earth resistance:
 - x1 0~10Ω 0.2Ω/div.
 - x10 0~100Ω 2Ω/div.
 - x100 0~1000Ω 20Ω/div.
- Earth voltage: ACV 0~30V 1V/div.
- Accessories: Measuring cord 3
Earth bar 2
Carrying case & bag 1 ea.

TH-500

Thermister thermometer

- Quick response for -50°C ~ +300°C in 2 ranges.
- ACV & Ω measurable besides temperature measurement.
- Temperature: -50°C~+110°C (LO)
+100°C~+300°C (HI)
- ACV: 0~150~300V
- Ω: 100kΩ
- Batt. 1.5V x 2 & 9V x 1
- 194 x 135 x 62mm 720gr



LCD-900

LCD scale system

- LCD display of scales, numerals and units exclusively for use.
- 50,000 hours lifetime of LCD.
- ±DCV: 1~1000V (50kΩ/V) ±3%
- ACV: 10~1000V (10kΩ/V) ±4%
- ±DCmA: 0.3~300mA ±3%
- ACA: 3A ±6%
- Ω: 1k~10k~100k~1000k
- Batt. 1.5V x 2 & 9V x 1
- 200 x 135 x 50mm 800gr



TR-700

with Tr. check range



- 50kΩ/DCV sensitivity meter, treble protection from overload, shock and vibration.
- Transistor tester added for ICBO, ICEO & hFE measurements.
- DCV: 0.3~1.2kV (50kΩ/V) ±2%
- ACV: 3~600V (10kΩ/V) ±3%
- DCA: 30μA~600mA ±2%
- Ω: 10k~100k~1M~10M
- Batt. 1.5V x 4
- hFE: 0~200 (0~1000)
- Batt. 1.5V x 4

460-ED

100kΩ/V sensitivity

- Super high sensitive meter resulting in no measurement loss.
- Polarity reversal switch provided suitable for TV·FM circuits.
- ±DCV: 0.3~1.2kV (100kΩ/V) ±2%
- ACV: 3~1.2kV (5kΩ/V) ±3%
- ±DCA: 12μA~12A ±2%
- ACA: 1.2~12A ±3%
- Ω: 5k~50k~500k~50M
- Batt. 1.5V x 1 & 9V x 1
- 184 x 134 x 88mm 1.3kg



501-ZX-TR

with Tr. checker



- Also functions as an in-circuit transistor checker by 3-terminal method directly reading ICEO & hFE.
- ±DCV: 0.1~1kV (20kΩ/V) ±2%
- ACV: 2.5~1kV (4kΩ/V) ±3%
- ±DCA: 50μA~10A ±2%
- Ω: 5k~50k~500k~5M~50M
- Batt. 1.5V x 2 & 22.5V x 1
- hFE: 0~300 (2 ranges of IC 8mA·80mA)
- ICEO: 0~8mA 0~80mA
- 195 x 152 x 85mm 1.1kg

CX-505

with μF ranges

- Capacitor testing by push-button operation with solid-state oscillator built-in.
- ±DCV: 0.3V~1.2kV (50kΩ/V) ±3%
- ACV: 6V~1.2kV (8kΩ/V) ±4%
- ±DCA: 30μA~300mA ±3%
- Ω: 5k~50k~5M~50M
- Batt. 1.5V x 2 & 22.5V x 1
- μF: 0.0001~10μF in 2 ranges
- 170 x 116 x 67mm 640gr



BX-505

with AC 12A range



- Fast-response meter movement with fuse and diode protection.
- High resolution factor of 0.4μA/scale div.
- ±DCV: 0.12V~1.2kV (33.3kΩ/V) ±3%
- ACV: 6V~1.2kV (8kΩ/V) ±4%
- ±DCA: 30μA~12A ±3%
- ACA: 12A ±5%
- Ω: 2k~20k~2M~20M
- Batt. 1.5V x 1 & 9V x 1
- 170 x 116 x 67mm 640gr

AX-303-TR

with hFE range

- Si diode protection against pulse input.
- Measures hFE (0-1000) by the extra connector.
- ±DCV: 0.3V~1.2kV (20kΩ/V) ±3%
- ACV: 6V~1.2kV (8kΩ/V) ±4%
- ±DCA: 60μA~12A ±3%
- Ω: 2k~20k~2M~20M
- Batt. 1.5V x 2 & 9V x 1
- 155 x 102 x 56mm 430gr



U-60D

Student model



- Has a sensitive 44μA movement, diode protected.
- Semiconductor test - simultaneous reading of load current & voltage with Ω.
- DCV: 0.1~1kV (20kΩ/V) ±3%
- ACV: 2.5~1kV (8kΩ/V) ±4%
- DCA: 50μA~500mA
- Ω: 5k~50k~500k~5M
- Batt. 1.5V x 2
- 133 x 92 x 42mm 300gr

YX-360TR

High versatility

- Wide range measurement - minimal 0.1VDC & 0.2Ω with excellent resolution.
- May be used as a transistor circuit analyzer, measuring hFE with the optional connector.
- DCV: 0.1~1kV (20kΩ/V) ±3%
- ACV: 10~1kV (8kΩ/V) ±4%
- DCA: 50μA~0.25A
- Ω: 2k~20k~2M~20M
- Batt. 1.5V x 2 & 9V x 1
- 150 x 100 x 57mm 420gr



SP-10D

Utility model



- Very popular inexpensive multitester.
- Sturdy case by ABS resin for rugged use.
- Ω x 1 range measures as low as 0.2Ω.
- DCV: 0.25~1kV (4kΩ/V) ±2.5%
- ACV: 10~1kV (4kV/Ω) ±3.5%
- DCA: 0.25m~500m ±2.5%
- Ω: 500~5k~1M
- Batt. 1.5V x 1
- 140 x 95 x 44mm 310gr

EM-800

Cordless VTVM + tester

- Constant input impedance, 1MΩ for AC and 12MΩ for DC.
- Ready operation and automatic sensitivity calibration by mercury battery.
- ±DCV: 0.3V~1.2kV ±4%
- ACV: 1.2V~1.2kV ±4% (30Hz~5MHz at 1.2V)
- ±DCA: 0.1μA~300mA ±4%
- Ω: 10k~1M~10M~1000M
- Batt. 1.3V (HT) x 2, 1.3V (HO) x 1 & 1.5V x 1
- 225 x 150 x 84mm 1.1kg



EM-300

FET electrotester



- Minimal current drain of 2.5μA for 2.5VAC and 0.1μA for 1VDC.
- Automatic sensitivity calibration by mercury battery.
- ±DCV: 250mV~1kV (10MΩ) ±4%
- ACV: 2.5V~1kV (1MΩ) ±4% (20Hz~500kHz at 2.5V)
- ±DCA: 25μA~5A ±4%
- Ω: 5k~500k~5M~500M
- Batt. 1.3V (HC) x 1 & 1.5V x 3
- 170 x 116 x 69mm 600gr