

HIGH ACCURACY 50000 COUNTS DMM

MS8218

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- 50000 counts measurement
- Auto/Manual Range
- ACV and DCV measurements reach up to 1000V
- DC measurement accuracy reaches up to 0.03%
- 0.01Ω resistance and 1μV voltage resolution
- Voltage/Current Linear frequency measurement
- Logic frequency/duty cycle measurement
- Capacitance measurement from 0.01nF to 5000μF
- AC/DC true RMS measurement/dBm measurement
- MAX/MIN/MAX-MIN and Relative value measurement
- Data hold/Back light/Auto off
- RS-232C infrared interface and PC Windows software
- Software calibrates automatically
- Full overload protection
- Indication for battery low
- Secondary injection molding case
- Insulating performance reaching 1000V CATIII



Specifications

ACV/DCV+ACV: 50mV/500mV/5V/50V/500V/1000V±0.5%
DCV: 50mV/500mV/5V/50V/500V/1000V±0.03%
AC Current/DC Current + AC Current:
500μA/5000μA/50mA/500mA/5A±0.75%, 10A±0.15%
DC Current: 500μA/5000μA/50mA/500mA/5A/10A±0.15%
Resistance: 500Ω/5kΩ/50kΩ/500kΩ/5MΩ±0.1%, 50MΩ±0.5%
Capacitance: 50nF/500nF/5μF/50μF±1%, 500μF/5000μF±2%
Diode: 2.5V±1%
Duty cycle: 5Hz ~ 500kHz, Range: 10% ~ 90%
Logic frequency: 5Hz ~ 5MHz±0.006%, Vpp 2 ~ 5V square wave
Linear frequency: 10Hz ~ 200kHz±0.006%, Sensitivity: lowest 100mV
Display: LCD size 44mm x 70mm
Weight: Approx. 600g
Size: 200mm x 100mm x 40mm
Battery: 6 x 1.5V (AAA Type)

**1000V
CAT.III**

