

MS8218 True RMS HIGH ACCURACY MULTIMETER



REF: 038218X5000

✓ CE (EMC), □ UL, □ CE (LVD)

- Large LCD window with backlit, 50,000 counts and 51-segments high speed bar graph display
- High accuracy (DC up to 0.03%) and high resolution (resistance 0.01 Ω and voltage 1 μ V)
- Measuring voltage up to 1000V, capacitance from 0.01nF to 1500 μ F, linear/logic frequency, duty cycle, and dBm with 20 counting resistance options
- Max/min/max-min values and relative measurement
- Data hold, RS232C infrared interface
- Auto/manual range, auto-software calibration
- Auto shutdown/continuous working mode selection
- Full overload protection, wrong current range alarm
- Secondary plasticizing meter housing, heavy duty design, insulation as per IEC1010-1 CAT.III 1000V

Technical specifications

DCV: 50m/500m/5/50/500/1000V, $\pm 0.03\%$

ACV: 50m/500m/5/50/500/1000V, $\pm 0.5\%$ (True RMS)

DCA: 500 μ /5m/50m/500m/5A/10A, $\pm 0.15\%$

ACA: 500 μ /5m/50m/500m/5A/10A, $\pm 0.75\%$ (True RMS)

OHM: 500/5k/50k/500k/5M/50M Ω , $\pm 0.1\%$

CAP: 50n/500n/5 μ /50 μ /500 μ /1500 μ F, $\pm 1.0\%$

Logic FREQ: 5Hz~5MHz, $\pm 0.006\%$, square wave 2~5 Vpp

Linear FREQ: 10Hz~200kHz, $\pm 0.006\%$, sensitivity 100mV

Duty cycle: 0.1%~99.9% (5Hz~500kHz)

Audible continuity, diode test (2.5V)

Battery: 1.5Vx6, AAA size

Dimensions & weight: 200x100x40mm, approx. 600g

Accessories: RS232C interface and software

