

## MS8215/MS8217 MULTIMETER

### Features:

- Large LCD display, 4000 counts
- Data hold function
- Auto/manual ranging
- Low battery indication
- Capacitance test
- Frequency test (MS8217 only)
- Duty cycle test (MS8217 only)
- Temperature measurement (MS8217 only)
- Relative measurement (MS8217 only)
- Audible continuity test
- Low current measurement
- Rubber covered case
- Auto power off

### Specifications

FUNCTION	MEASUREMENT RANGE	ACCURACY
DC Voltage	0.1mV - 1000V	+/- 0.5% + 3 digits
AC Voltage	0.1mV - 1000V	+/- 1.0% + 3 digits
AC Current	0.1µA - 10A	+/- 1.5% + 3 digits
DC Current	0.1µA - 10A	+/- 1.5% + 3 digits
Resistance	0.1Ohm - 40MΩhm	+/- 0.5% + 2 digits
Frequency	10Hz - 100kHz	+/- 0.1% + 3 digits (MS8217 only)
Capacitance	0.01nF - 100µF	+/- 3.0% + 5 digits
Temperature	-55°C - 1000°C	+/- 2.0% + 1°C (MS8217 only)
Continuity and Diode Test		
Power	1.5V(AAA) battery x 3	
Size/Weight	185x87x53mm/36g	



MS8215



MS8217



## MS8209 FIVE-IN-ONE MULTIMETER

### Features:

- LCD display, 3999 counts
- Data hold function
- Display with backlight
- Auto ranging
- Low battery indication
- Audible continuity test
- Frequency test
- Duty cycle test
- Temperature measurement
- Relative measurement
- Built-in luxmeter
- Built-in sound level meter
- Built-in humidity meter
- Rubber covered case
- Auto power off

### Specifications

FUNCTION	MEASUREMENT RANGE	ACCURACY
DC Voltage	0.4/4/40/400/600V	+/- 0.7%
AC Voltage	4/40/400/600V	+/- 0.8%
AC Current	40m/400mA/10A	+/- 1.5% (10A: +/-3.0%)
DC Current	40m/400mA/10A	+/- 1.2% (10A: +/-2.0%)
Resistance	400/4k/40k/400k/4MΩhm 40MΩhm	+/- 1.2% +/- 2.0%
Frequency	10/100/1k/10k/100kHz	+/- 2.0%
Capacitance	4n/40n/400n/4µ/40µ/200µF	+/- 3.0%
Duty Cycle	0.1% - 99.9%	+/- 3.0%
Temperature	-20°C - 400°C (resolution: 0.1°C) -20°C - 1000°C (resolution: 1°C)	+/- 3.0% +/- 3.0%
Relative humidity	30% - 95% RH	+/- 5.0% RH
Light	4000/40000 Lux	+/- 5.0%
Sound Level	35 - 100 dB	+/- 4dB
Continuity and Diode Test		
Power	9V(6F22) battery x 1	
Size/Weight	158x78x38mm/260g	

MS8209

