



# Digital Clamp Meters

## CMP-1000

Catalog No. WMGBMCMP1000



2 years warranty!!!

- Measurement of alternating current (TRUE RMS) and direct current up to 1000A
- Measurement of AC voltage (TRUE RMS) up to 750V
- Measurement of DC voltage up to 1000V
- Audible continuity test
- Measurement of resistance up to 40 MΩ
- Diode testing function
- Measurement of capacitance
- Measurement of frequency
- Safe, insulated test clamps
- Automatic selection of measurement ranges, with a manual selection option
- "Data hold" function for memorizing the displayed value
- LCD display with bar graph
- Relative measurement mode - ability to reset the device at any time and to return to the measurement in direct measurement mode
- PEAK function for peak value measurement
- Memorizing test maximum and minimum values
- Display 3,5 digits, bar graph 42 segments
- Indication of the measurement range being exceeded
- Battery status display

### Measurement of alternating current (TRUE RMS) and direct current

Range	Resolution	Accuracy for AC	Accuracy for DC
400A	0,1A	±(1,5% rdg +5 dgt) for 0...600A and 50...60Hz ±(3% rdg +5 dgt) for 0...600A and 61...400Hz	±(1,5% rdg +5 dgt) for 0...600A
1000A	1A	±(2% rdg +5 dgt) for >600A and 50...60Hz ±(3,5% rdg +5 dgt) for >600A and 61...400Hz	±(2,5% rdg +5 dgt) for 600...800A ±(3,5% rdg +5 dgt) for >800A

### Measurement of DC voltage

Range	Resolution	Accuracy	Z <sub>in</sub> [Ω]
400mV	0,1mV	± (0,5% rdg +1 dgt)	>1000M
4V	1mV		11M
40V	10mV		10M
400V	100mV		
1000V	1V		

### Measurement of resistance (test voltage 0,4V DC)

Range [Ω]	Resolution [Ω]	Accuracy
400	0,1	± (1,2% rdg +4 dgt)
4k	1	± (1,0% rdg +2 dgt)
40k	10	
400k	100	
4M	1k	± (1,5% rdg +4 dgt)
40M	10k	± (2% rdg +4 dgt)

### Measurement of AC voltage (TRUE RMS)

Range	Resolution	Accuracy	Z <sub>in</sub> [Ω]
400mV	0,1mV	± (1,5% rdg +4 dgt)	>1000M
4V	1mV		11M
40V	10mV		10M
400V	100mV		
750V	1V		

### Capacitance

Range	Resolution	Accuracy
4nF	0,001nF	± (1,5% rdg +40 dgt) ina relative measurement mode
40nF	0,01nF	± (1,5% rdg +4 dgt)
400nF	0,1nF	
4mF	1nF	
40mF	0,01mF	± (1,5% rdg +4 dgt)<20μF ± (5% rdg +4 dgt)>20μF



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## CMP-1

Catalog No. WMGBMCMP1

- Measurement of alternating current up to 400A
- Measurement of DC voltage up to 600V
- Measurement of resistance up to 4kΩ and continuity test of connections
- Audible continuity test of the circuit (for values less than 10Ω)
- Safe, insulated test clamps
- Automatic measurement range selection
- Data Hold function assists in tests in areas with poor lighting difficult to access
- APO function inactivating the clamps 10 minutes after the last measurement or last push of the button (battery conservation)
- Resistance measurement (circuit continuity test)

### Resistance measurement (circuit continuity test)

Range	Resolution	Accuracy
0,1...399,9Ω	0,1Ω	± (2,0% rdg +5 dgt)
150...3999Ω	1Ω	

### Voltage measurement AC voltages

Range	Resolution	Accuracy
0,1...399,9V	0,1V	± (2,0% rdg +5 dgt) (50/60Hz)
150...599V	1V	

### Voltage measurement DC voltages

Range	Resolution	Accuracy
0,1...399,9V	0,1V	± (1,5% rdg +5 dgt)
150...599V	1V	

### Alternating current measurement

Range	Resolution	Accuracy
0,01...39,99A	0,01A	± (2,0% rdg +6 dgt) (50/60Hz)
0,1...399,9A	0,1A	