

Digital Multimeters



72-10415



72-10405



72-2610



72-2605



72-10410

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Digital Multimeters



Features

- LCD backlight
- Analog Bar Graph
- Manual Function Select & Auto Ranging
- Auto Power Off
- Low Battery Indication: $\leq 7.5V$
- Diode Test
- Continuity Buzzer
- MAX / MIN / Relative Modes
- Data Hold
- Duty Cycle: 0.1% ~ 99.9%
- Input Protection
- Input Impedance for DC Voltage: 10M Ω

General Characteristics

Safety Rating : CAT III 1000V, CAT IV 600V
 Power : 9V Battery (6F22)
 LCD Size : 65mm \times 43mm
 Colour : Orange and Grey
 Weight : 370g
 Dimension (H \times W \times L) : 180mm \times 87mm \times 47mm

Electrical Specifications

Parameters	72-2605	72-10405	72-2610	72-10410	72-10415
DC Voltage (V)	400mV/4V/40V/400V/1000V $\pm(0.5\% + 1 \text{ digit})$	40mV/400mV/4V/40V/400V/1000V $\pm(0.5\% + 1 \text{ digit})$	60mV/600mV/6V/60V/600V/1000V $\pm(0.5\% + 1 \text{ digit})$		220mV/2.2V/22V/220V/1000V $\pm(0.1\% + 2 \text{ digits})$
AC Voltage (V)	400mV/4V/40V/400V/ 750V $\pm(1\% + 3 \text{ digits})$	40mV/400mV/4V/40V/400V/750V $\pm(1\% + 3 \text{ digits})$	60mV/600mV/6V/60V/600V/750V $\pm(1\% + 3 \text{ digits})$		220mV/2.2V/22V/220V/750V $\pm(0.8\% + 10 \text{ digits})$
DC Current (A)	400 μ A/4000 μ A/40mA/400mA/4A/10A $\pm(1\% + 2 \text{ digits})$		600 μ A/6000 μ A/60mA/600mA/6A/10A $\pm(1\% + 3 \text{ digits})$		200 μ A/2200 μ A/22mA/220mA/ 2.2A/10A $\pm(0.5\% + 10 \text{ digits})$
AC Current (A)	400 μ A/4000 μ A/40mA/400mA/4A/10A $\pm(1.2\% + 5 \text{ digits})$		600 μ A/6000 μ A/60mA/600mA/6A/10A $\pm(1.2\% + 5 \text{ digits})$		200 μ A/2200 μ A/22mA/220mA/ 10A $\pm(0.8\% + 10 \text{ digits})$
Resistance (Ω)	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω $\pm(1\% + 2 \text{ digits})$		600 Ω /6k Ω /60k Ω /600k Ω /6M Ω /60M Ω $\pm(1\% + 2 \text{ digits})$		220 Ω /2.2k Ω /22k Ω /220k Ω /2.2M Ω / 22M Ω $\pm(0.5\% + 10 \text{ digits})$
Capacitance (F)	40nF/400nF/4 μ F/40 μ F/400 μ F/4000 μ F $\pm(3\% + 5 \text{ digits})$		40nF/400nF/4 μ F/40 μ F/400 μ F/4000 μ F $\pm(3\% + 5 \text{ digits})$		22nF/220nF/2.2 μ F/22 μ F/220 μ F/2.2mF/ 22mF/220mF $\pm(3\% + 5 \text{ digits})$
Frequency (Hz)	10Hz to 10MHz $\pm(0.1\% + 4 \text{ digits})$	10Hz to 10MHz $\pm(0.1\% + 4 \text{ digits})$	10Hz to 10MHz $\pm(0.1\% + 4 \text{ digits})$	10Hz to 10MHz $\pm(0.1\% + 4 \text{ digits})$	10Hz to 220MHz $\pm(0.01\% + 5 \text{ digits})$
Temperature ($^{\circ}$ C)	-	-40 $^{\circ}$ C to 1000 $^{\circ}$ C $\pm(1.2\% + 3 \text{ digits})$	-40 $^{\circ}$ C to 1000 $^{\circ}$ C $\pm(1.2\% + 3 \text{ digits})$	-	-
Temperature ($^{\circ}$ F)	-	-40 $^{\circ}$ F to 1832 $^{\circ}$ F $\pm(1.2\% + 4 \text{ digits})$	-40 $^{\circ}$ F to 1832 $^{\circ}$ F $\pm(1.2\% + 4 \text{ digits})$	-	-
Display Count	4000	4000	6000	6000	22000
True RMS	-	-	-	Yes	Yes
Bandwidth (Hz)	45Hz - 400Hz	45Hz - 400Hz	45Hz - 1kHz	45Hz - 3kHz	45Hz - 10kHz
Transistor	Yes	-	-	-	-
NCV	Yes	-	-	-	-
Peak Value	-	-	-	-	Yes
RS232	-	Yes	Yes	Yes	Yes
Analog Bar Graph	41 Segments	41 Segments	61 Segments	61 Segments	46 Segments
Standard Accessories	Battery, Test Lead, Multi-Purpose Socket, Instruction Manual	Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable, Software, Point Contact Temperature Probe, Instruction Manual		Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable, Software, Instruction Manual	

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Part Number Table

Description	Part Number
Digital Multimeter, Handheld	72-2605
Digital Multimeter, Handheld	72-10405
Digital Multimeter, Handheld	72-2610
True RMS Digital Multimeter, Handheld	72-10410
True RMS Digital Multimeter, Handheld	72-10415

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