

# Digital Multimeter



## Specifications:

| Basic Functions  | Range                                                                             | Best Accuracy  |
|------------------|-----------------------------------------------------------------------------------|----------------|
| DC Voltage       | 40mV/400mV/4V/40V/400V/1,000V                                                     | $\pm(0.5\%+1)$ |
| AC Voltage       | 40mV/400mV/4V/40V/400V/750V                                                       | $\pm(1\%+3)$   |
| DC Current       | 400 $\mu$ A/4,000 $\mu$ A/40mA/400mA/4A/10A                                       | $\pm(1\%+2)$   |
| AC Current       | 400 $\mu$ A/4,000 $\mu$ A/40mA/400mA/4A/10A                                       | $\pm(1.2\%+5)$ |
| Resistance       | 400 $\Omega$ /4k $\Omega$ /40k $\Omega$ /400k $\Omega$ /4M $\Omega$ /40M $\Omega$ | $\pm(1\%+2)$   |
| Capacitance      | 40nF/400nF/4 $\mu$ F/40 $\mu$ F/400 $\mu$ F/4,000 $\mu$ F                         | $\pm(3\%+5)$   |
| Frequency        | 10Hz to 10MHz                                                                     | $\pm(0.1\%+4)$ |
| Temperature (°C) | -40°C to 1,000°C                                                                  | $\pm(1.2\%+3)$ |
| Temperature (°F) | -40°F to 1,832°F                                                                  | $\pm(1.2\%+4)$ |

## Special Functions

|                         |                     |       |
|-------------------------|---------------------|-------|
| Display Count           |                     | 4,000 |
| Auto Range              |                     | ✓     |
| Manual Range            |                     | ✓     |
| Bandwidth (Hz)          | 45Hz to 400Hz       | ✓     |
| Duty Cycle              | 0.1% to 99.9%       | ✓     |
| Diode                   |                     | ✓     |
| Auto Power Off          | Around 15 Minutes   | ✓     |
| Continuity Buzzer       |                     | ✓     |
| Low Battery Indication  | $\leq 7.5V$         | ✓     |
| Data Hold               |                     | ✓     |
| Relative Mode           |                     | ✓     |
| MAX/MIN                 |                     | ✓     |
| RS-232                  |                     | ✓     |
| LCD Backlight           |                     | ✓     |
| Analogue Bar Graph      |                     | 41    |
| Input Protection        |                     | ✓     |
| Input Impedance for DCV | Around 10M $\Omega$ | ✓     |

## General Characteristics

|                      |                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| Power                | 9V Battery (6F22)                                                                                           |
| LCD Size             | 65mm × 43mm                                                                                                 |
| Product Colour       | Orange and Grey                                                                                             |
| Product Net Weight   | 350g                                                                                                        |
| Product Size         | 180mm × 87mm × 47mm                                                                                         |
| Standard Accessories | Battery, Test Lead, Multi-Purpose Socket, RS-232 Interface Cable, Software, Point Contact Temperature Probe |



# Digital Multimeter



## Part Number Table

| Description        | Part Number |
|--------------------|-------------|
| Digital Multimeter | 72-10405    |

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