

# Handheld Digital Multimeter



## Features

- Auto Ranging and Auto Power-OFF
- Low battery indication
- Data Hold
- MAX Value hold function, Diode check, Continuity

## Specifications

|                                    |  |
|------------------------------------|--|
| Display                            | : 3-1/2 Digit LCD display with 2000 display counts                             |
| Battery                            | : 9V Battery (6F22 or 1604A Type)  |
| Operating temperature and Humidity | : 0 to +40°C (+32°F to +104°F) and <80% RH                                     |
| Storage temperature and Humidity   | : -10°C to +50°C (+14°F to +122°F) and <70%RH                                  |
| Safety Class                       | : IEC 61010-1, CAT II 600V   |
| Dimension                          | : 140mm (L) × 67mm (W) × 30mm (H)  |
| Accessory                          | : K-type Temperature Probe [P3400], 9V Battery, Test lead set and User Manual. |

## Electrical Specification

| DC Voltage |            |                    |
|------------|------------|--------------------|
| Range      | Resolution | Accuracy           |
| 200mV      | 0.1mV      | ±(0.5% rdg + 2dgt) |
| 2V         | 0.001V     |                    |
| 20V        | 0.01V      |                    |
| 200V       | 0.1V       |                    |
| 600V       | 1V         | ±(0.8% rdg + 2dgt) |

Over load protection: Spark Gap used to protect that the voltage over 1500V

| AC Voltage        |            |                    |
|-------------------|------------|--------------------|
| Range             | Resolution | Accuracy           |
| 2V (40Hz-400Hz)   | 0.001V     | ±(0.9% rdg + 3dgt) |
| 20V (40Hz-400Hz)  | 0.01V      |                    |
| 200V (40Hz-400Hz) | 0.1V       |                    |
| 600V (40Hz-200Hz) | 1V         | ±(1.2%) rdg + 3dgt |

Over load protection: Spark Gap used to protect High voltage that is over 1500V

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| Resistance       |            |                    |
|------------------|------------|--------------------|
| Resistance Range | Resolution | Accuracy           |
| 200Ω             | 0.1Ω       | ±(0.8% rdg + 2dgt) |
| 2kΩ              | 0.001kΩ    |                    |
| 20kΩ             | 0.01kΩ     |                    |
| 200kΩ            | 0.1kΩ      |                    |
| 2MΩ              | 0.001MΩ    | ±(1.0% rdg + 2dgt) |

| DC and AC Current rating [40Hz-400Hz] |            |                    |
|---------------------------------------|------------|--------------------|
| DC Current Range                      | Resolution | Accuracy           |
| 200μA                                 | 0.1μA      | ±(1.5% rdg + 3dgt) |
| 2000μA                                | 1μA        |                    |
| 20mA                                  | 0.01mA     |                    |
| 200mA                                 | 0.1mA      |                    |
| 10A                                   | 0.01A      |                    |

Over Load protection : Use the fuse (F250mA/250V) at μA /mA range, and use the fuse (F10A/250V) at 10A range.  
Max input DC Current : 250mA at 'mA' input terminal and 10A at '10A' input terminal

| Frequency (Sensitivity: 0.8V) |            |                   |
|-------------------------------|------------|-------------------|
| Range                         | Resolution | Accuracy          |
| 20kHz                         | 10kHz      | ±(1.5% rdg +5dgt) |

## Part Number Table

| Description                              | Part Number |
|--|-------------|
| Digital Multimeter, Handheld, Auto Range | D03124      |

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