



HT322 Digital Multimeter

With Temperature - CAT IV

Three Year Warranty

Features

- DC Voltage
- AC Voltage
- Resistance
- Continuity test with buzzer
- Diode test
- Temperature with type K probes
- MAX function
- HOLD function
- Manual Range function
- Auto Power OFF



STANDARD ACCESSORIES

4413-2 : Test leads

B80 : Soft Carrying Case

Batteries

User manual

OPTIONAL ACCESSORIES

T10 : Adapter for type K probe

TK107 : Type K probe for air/gas temperature

Tk108: Type K probe for semi-solid substances temperature

TK109 : Type K probe for liquid temperature

TK110 : Type K probe for surface temperature

TK111 : Type K probe for surface temp. with 90 degree tip



RAPID-TECH EQUIPMENT
For all your Test Equipment Requirements

1800 358 531
Web www.rapid-tech.com.au
E-Mail info@rapid-tech.com.au

1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as \pm (%rdg + numbers of digits) at 23°C \pm 5°C, <75%HR

DC VOLTAGE

| Range | Resolution | Accuracy | Overload protection |
|---------|------------|----------------------|---------------------|
| 200.0mV | 0.1mV | $\pm(0.8\%rdg+1dgt)$ | 600VDC/ACrms |
| 2.000V | 0.001V | | |
| 20.00V | 0.01V | | |
| 200.0V | 0.1V | | |
| 600V | 1V | $\pm(1.0\%rdg+2dgt)$ | |

Input impedance: 10M Ω

AC VOLTAGE


| Range | Resolution | Accuracy (45 + 400Hz) | Overload protection |
|---------|------------|-----------------------|---------------------|
| 200.0mV | 0.1mV | Not specified | 600VDC/ACrms |
| 2.000V | 0.001V | $\pm(1.5\%rdg+3dpts)$ | |
| 20.00V | 0.01V | | |
| 200.0V | 0.1V | | |
| 600V | 1V | | |

Input impedance: 10M Ω

RESISTANCE


| Range | Resolution | Accuracy | Open voltage | Overload protection |
|-----------------|-----------------|-----------------------|--------------|------------------------|
| 200.0 Ω | 0.1 Ω | $\pm(1.0\%rdg+8dpts)$ | about 3.0V | 600VDC/ACrms (< 30sec) |
| 2.000k Ω | 0.001k Ω | $\pm(1.0\%rdg+3dpts)$ | | |
| 20.00k Ω | 0.01k Ω | | | |
| 200.0k Ω | 0.1k Ω | | | |
| 2.000M Ω | 0.001M Ω | | | |
| 20.00M Ω | 0.01M Ω | $\pm(3.0\%rdg+3dpts)$ | | |

DIODE TEST

| Range | Resolution | Open voltage | Overload protection |
|---|------------|--------------|---------------------|
|  | 1mV | circa 1.5VDC | 600VACrms (< 30sec) |

Overload protection: 600Vrms

TEST CONTINUITY

| Range | Buzzer | Open voltage | Overload protection |
|---|----------------|--------------|---------------------|
|  | R<120 Ω | about 1.5VDC | 600VACrms (< 30sec) |

TEMPERATURE WITH TYPE K PROBE

| Range | Resolution | Accuracy | Overload protection |
|--------------------|------------|-----------------------|---------------------|
| -40°C \div 1°C | 1°C | $\pm 5^\circ\text{C}$ | 600VACrms (< 30sec) |
| 0°C \div 800°C | | $\pm(2.0\%rdg+3dgt)$ | |
| -40°F \div 31°F | 1°F | $\pm 9^\circ\text{C}$ | |
| 32°F \div 1382°F | | $\pm(2.0\%rdg+5dgt)$ | |



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2. GENERAL SPECIFICATIONS

Display:

- LCD display, 3 ½ digit with maximum reading 1999 counts with sign and decimal point
- Automatic polarity indication
- Backlight
- "OL" over range indication

Features:

- MAX
- HOLD
- RANGE for manual selection
- Auto Power OFF after 15 minutes of don't work

Low battery indication:

- The symbol "  " appears when the battery voltage is low

Operating temperature:

- -5°C to 40°C, <80%HR

Storage temperature:

- -10°C to 60°C, <70%HR

General informations:

- Altitude max: 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:

- 2 x 1.5V alkaline batteries type AAA MN2400 LR03 AM4

Sizes:

- 163(L)x88(W)x48(H) mm

Weight (included batteries):

- 280g



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