

# DM384 Digital Multimeter

The DM384 gives you advanced troubleshooting technology for tough tasks. This is a full-sized multimeter that's packed with high-end features like MIN/MAX capture for unattended measurement monitoring, capacitance for checking run/start capacitors, and frequency for quick verification of generators, inverters, and control circuit operation. The large LCD display is backlit for easy viewing at a distance. The DM384's combination of durability, visibility, and functionality are specifically tailored to meet the needs of today's HVAC/R technicians, plant maintenance professionals, and electricians.

- 750 volts AC and 1000 volts DC
- 10 amps AC and DC
- .01  $\mu$ A DC resolution for flame safeguard circuit testing
- Frequency to 40 MHz
- Capacitance to 40,000 microfarad
- Resistance to 40 Megohms
- Continuity
- Diode check function
- Autoranging
- MIN/MAX capture and data hold
- Large backlit LCD display
- Low battery indicator
- Includes test leads and alligator clips
- CE listed CAT III
- Five year limited warranty



CAT III 600 V  
CE



# DM384 • Digital Multimeter

The DM384 gives you advanced troubleshooting technology for tough tasks. This is a full-sized multimeter that's packed with high-end features like MIN/MAX capture for unattended measurement monitoring, capacitance for checking run/start capacitors, and frequency for quick verification of generators, inverters, and control circuit operation. The large LCD display is backlit for easy viewing at a distance. The DM384's combination of durability, visibility, and functionality are specifically tailored to meet the needs of today's HVAC/R technicians, plant maintenance professionals, and electricians.

## Features

- 750 volts AC and 1000 volts DC
- 10 Amps AC and DC
- .01  $\mu$ A DC resolution for flame safeguard circuit testing
- Frequency to 40 megahertz
- Capacitance to 40,000 microfarad
- Resistance to 40 megohms
- Continuity
- Diode check function
- Autoranging
- MIN/MAX capture and data hold
- Large backlit LCD display
- Low battery indicator
- Includes test leads and alligator clips
- CE listed CAT III
- Five year limited warranty

## Accessories

| Included:                         |                 |
|-----------------------------------|-----------------|
| Rubber Boot                       | AH190           |
| 9 Volt Battery                    | Standard 9 Volt |
| 500 Milliamp Fuse                 | AF155           |
| 12 Amp Fuse                       | AF160           |
| Test Lead Set                     | ATL55           |
| Alligator Clips                   | AAC3            |
| Optional:                         |                 |
| 400 Amp AC/DC Clamp-On Adapter    | CA30            |
| 1000 Amp AC/DC Clamp-On Adapter   | CA40            |
| Single Input Temperature Adapter  | TA1K            |
| Dual Input Temperature Adapter    | TA2K            |
| Flame Safeguard Signal Transducer | DLMAT           |
| Flame Safeguard Adapter           | ATLFSG          |
| Soft Carrying Case                | AC319           |



## Performance Specifications

| Function                      | Range   | Accuracy   |
|-------------------------------|---|--|
| AC Volts<br>50 to 500 Hertz   | 400mV, 4V, 40V, 400V  | +/- (1.5 %Reading + 3 Digits)                        |
|                               | 750V  | +/- (2.0 %Reading + 4 Digits)                        |
| DC Volts                      | 400mV, 4V, 40V, 400V, 1000V   | +/- (0.5 %Reading + 3 Digits)                        |
| AC Current<br>50 to 500 Hertz | 40 $\mu$ A, 400 $\mu$ A, 4mA, 40mA, 400mA                               | +/- (2.0 %Reading + 5 Digits)                        |
|                               | 10A   | +/- (3.0 %Reading + 5 Digits)                        |
| DC Current                    | 40 $\mu$ A, 400 $\mu$ A, 4mA, 40mA, 400mA                               | +/- (1.0 %Reading + 3 Digits)                        |
|                               | 10A   | +/- (2.0 %Reading + 2 Digits)                        |
| Frequency<br>(Hertz)          | 4k, 40k, 400k, 4M, 40M  | +/- (0.5 %Reading + 2 Digits)<br>sine wave @ >2 VRMS |
| Capacitance<br>(in farads)    | 4n, 40n, 400n, 4 $\mu$ , 40 $\mu$ ,<br>400 $\mu$ , 4m, 40m              | +/- (3 %Reading + 4 Digits)                          |
| Resistance                    | 400 $\Omega$ , 4K $\Omega$ , 40K $\Omega$ , 400K $\Omega$ , 4M $\Omega$ | +/- (1.0 %Reading + 3 Digits)                        |
|                               | 40M $\Omega$  | +/- (3.0 %Reading + 7 Digits)                        |

## General Specifications

|                                     |   |
|-------------------------------------|---|
| Height x Width x Depth              | 7.88" x 3.88" x 4.38"<br>(200 x 100 x 63 mm)    |
| Operating Temperature               | 32° to 113° F (0° to 45° C)                     |
| Storage Temperature                 | -4° to 140° F (-20° to 60° C)                   |
| Relative Humidity (Storage and Use) | 0% to 80% RH                                    |
| Weight                              | 20 Oz (560 Grams)                               |
| Calibration Frequency               | Annual  |
| Battery                             | 9 Volt Alkaline<br>(NEDA, 1604 or 6F22 or 006P) |

## Distributed By:

Trade service # — 50422



## INTELLIGENT SOLUTIONS

5500 SW Arctic Drive • Beaverton, OR 97005  
(503) 644-8723 • Fax: (503) 643-6322  
www.ueitest.com • Email: info@ueitest.com

## IN CANADA:

**Vancouver:** #150 13571 Verdun Rd. • Richmond, BC V6V 1W5  
Phone: (604) 278-4511 • Fax: (604) 278-8299

**Toronto:** 5780 Timberlea Blvd., Ste. 204 • Mississauga, Ont. L4W 4W8  
Phone: (905) 238-6760 • Fax: (905) 238-5117

## IN EUROPE:

Phone: +44 1707 375550 • Fax: +44 1707 393277