

# Digital Electrical Testers

Fill your tool belt without depleting your budget!

## Receptacle Testers

Fast and effortless way to test the safety of electrical socket outlets

- ◆ Inspect common faulty wiring issues in main socket installation
- ◆ Easily determine faults with bright light indicators
- ◆ For use in standard 110 to 125 VAC outlets



| Tester type    | Catalog number |
|----------------|----------------|
| Circuit tester | MW-20250-61    |
| GFCI tester    | MW-20250-62    |



## Multifunction AC/DC Voltage Tester

Test power outlets and switches for correct circuit wiring before resuming power

- ◆ Versatile—perform AC/DC voltage, low impedance voltage, and continuity testing
- ◆ Large, easy-to-read LCD with backlight and bar graph display
- ◆ Stop phantom voltage from interfering with your readings
- ◆ Effectively measure phase rotation direction of motors with rotary field indication
- ◆ Work in poorly lit or tight areas with built-in flashlight
- ◆ Rugged IP64-rated housing with CAT III-1000 V / CAT IV-600 V safety rating



| Catalog number         | MW-20250-59                                                    |
|------------------------|----------------------------------------------------------------|
| Voltage range          | 6 to 400 VAC, 0 to 690 VDC                                     |
| Resolution             | 1 V                                                            |
| Accuracy               | VAC: +1.5% of reading +5 digit; VDC: +1.0% of reading +3 digit |
| Frequency range        | 50/60 Hz                                                       |
| Max measuring current  | ≤1.0 mA (400 VAC), ≤1.5 mA (690 VDC)                           |
| Input impedance        | ≤1 MΩ                                                          |
| Display                | 2000-count LCD, with analog bar graph and backlight            |
| Dimensions (L x W x H) | 9 7/16" x 3 1/16" x 1 1/16" (24 x 7.8 x 4 cm)                  |
| Power                  | Two AAA batteries (included)                                   |



20250-59

# Handheld Insulation Tester

## Feel secure with multiple safety features

- ♦ Safely measures insulation resistance of electrical devices such as cables or motor coils, as well as providing a means of measuring AC/DC voltages and circuit continuity
- ♦ View measurements clearly on large dual-line backlit LCD, plus check trends on analog bar graph
- ♦ Autorange feature automatically selects optimal measuring range
- ♦ Live circuit detection prevents testing if voltage is present
- ♦ Data Hold, test lock function, and flip stand allow hands-free operation
- ♦ Automatic discharge of stored voltage for added protection
- ♦ Sturdy, double-molded housing with CAT III-1000 V safety rating

## Includes

Test leads, plastic carrying case, and six AA batteries.

| Catalog number           |                | MW-20250-60                                                   |
|--------------------------|----------------|---------------------------------------------------------------|
| Insulation resistance    | Range          | 4, 40, 400, 4000 MΩ                                           |
|                          | Resolution     | 1 KΩ to 1 MΩ                                                  |
|                          | Accuracy       | ±2.0% ± 6                                                     |
| AC voltage               | Range          | 750 V                                                         |
|                          | Max resolution | 1 V                                                           |
|                          | Accuracy       | ±1.2% ± 10                                                    |
| DC voltage               | Range          | 1000 V                                                        |
|                          | Resolution     | 1 V                                                           |
|                          | Accuracy       | ±0.8% ± 3                                                     |
| Resistance               | Range          | 40 to 400 Ω                                                   |
|                          | Resolution     | 0.01 to 0.1 Ω                                                 |
|                          | Accuracy       | ±1.5% ± 6                                                     |
| Test voltage and current |                | 125 V, 250 V, 500 V, 1000 V, and 1 mA nominal                 |
| Continuity test          |                | Active sound level: ≤40 Ω, Test current: ≤200 mA              |
| Display                  |                | 4000-count dual-line LCD, with analog bar graph and backlight |
| Dimensions (L x W x H)   |                | 7⅞" x 3⅝" x 2" (20 x 9.2 x 5 cm)                              |
| Power                    |                | Six AA batteries (included)                                   |

