

# testo 760

DMM with Auto-Test, Capacitance,  
available 1000 V<sup>+</sup>, TRMS\*, and Low  
Pass Filter\*

Auto test-setup based upon lead connection prevents blown fuses in the meter

Meter prevents switching from V to A or A to V if leads are not in the proper socket

Meter automatically detects testing in-process and selects correct meter configuration to save time and optimize accuracy

3 buttons that illuminate for easy and clear selection of test functions

Low Pass Filter and Duty Cycle standard

Measure up to 400 A with optional clamp probe adapter

Heavy Duty – Drop and water resistant for tough conditions



°F/°C

μF

V

A

Ω

Hz/  
Duty  
Cycle

LPF

Testo's exclusive auto-test setup enables the user to simply turn on the unit, connect the leads, and begin measuring. The testo 760 Digital Multimeter detects the lead connection and prevents switching from V to A or A to V if leads are not in proper socket. This prevents accidentally blowing the meter's fuse because of incorrect connections. The function and range settings are always correct because the measurement parameters are detected and set automatically. Three easy-to-read buttons replace the traditional rotary switch when selecting manual test functions.

Additional benefits:

- APO (Auto Power Off) saves battery life
- Overmold housing makes it rugged
- Large, backlit, dual readout display with analog bar graph is easy-to-read
- Lead holder conveniently molded into housing for easy storing

Testo's history of efficiency, innovation, and quality now extends into the entire electrical lineup. Once again, Testo brings high value, feature-packed products to the HVAC contractor market.

\* included on: testo 760-2  
+ included on: testo 760-3



## Technical data/accessories

### testo 760-1

Digital multimeter 600 V with capacitance and auto-test setup includes 3 AAA batteries and test leads

Order no. 0590 7601



### testo 760-2

Digital multimeter 600 V with TRMS, capacitance, duty cycle, low pass filter, auto-test setup, and temperature measuring includes 3 AAA batteries, test leads, and Type K thermocouple adapter

Order no. 0590 7602



### testo 760-3

Digital multimeter 1000 V with TRMS, capacitance, duty cycle, low pass filter, auto-test setup, and temperature measuring includes 3 AAA batteries, test leads

Order no. 0590 7603



| Technical data                | testo 760-1                            | testo 760-2                   | testo 760-3                    |
|-------------------------------|----------------------------------------|-------------------------------|--------------------------------|
| True RMS                      | –                                      | ✓                             |                                |
| Basic accuracy                | 0.8 %                                  | 0.1 %                         |                                |
| AC/DC voltage measuring range | 0.1 mV to 600 V                        |                               | 0.1 mV to 1000 V               |
| AC/DC current measuring range | 1 mA to 10 A                           | 0.1 µA to 10 A                |                                |
| Resistance range              | 0.1 to 40 MΩ                           | 0.1 to 60 MΩ                  |                                |
| Frequency range               | 0.001 Hz to 500 kHz                    | 0.001 Hz to 60 MHz            |                                |
| Duty Cycle                    | –                                      | 1% to 99% from 20 Hz to 1 KHz |                                |
| Low Pass Filter               | –                                      | 40 Hz to 1 KHz                |                                |
| Capacitance range             | 0.001 nF to 100 µF                     | 0.001 nF to 30,000 µF         | 0.001 nF to 60,000 µF          |
| Temperature range             | –                                      | -4 to 932 °F (-20 to +500°C)  |                                |
| Display (Dual Readout)        | 4,000 Counts                           | 6,000 Counts                  |                                |
| Safety category               | CAT III 600 V                          | CAT IV 600 V                  | CAT IV 600 V<br>CAT III 1000 V |
| Continuity Testing            | <30 Ω                                  |                               |                                |
| Hold/Min/Max                  | ✓                                      |                               |                                |
| Diode Test                    | 2.5 V                                  |                               |                                |
| Protection class              | IP 64                                  |                               |                                |
| Operating temperature         | 14 to 122 °F (-10 to +50 °C)           |                               |                                |
| Storage temperature           | -5 to 140 °F (-15 to +60 °C)           |                               |                                |
| Dimensions                    | 6.6 x 3.3 x 1.77in. (167 x 84 x 45 mm) |                               |                                |
| Weight                        | 0.73 lbs (330 g)                       |                               |                                |
| Warranty                      | 2 years                                |                               |                                |
| Authorizations                | TÜV, CSA, CE                           |                               |                                |
| Standards                     | EN 61326-1                             |                               |                                |
| Batteries                     | 3 x AAA                                |                               |                                |

d.p.v1

Subject to change, including technical modifications, without notice.

#### testo 760-1/-2/-3 accessories

#### Order no.

|                                                       |           |
|-------------------------------------------------------|-----------|
| Magnetic hanging strap                                | 0590 0001 |
| Set of 2 safety alligator clips                       | 0590 0008 |
| Set of 2 standard alligator clips                     | 0590 0009 |
| Set of 2 pin type test leads (angled plug)            | 0590 0010 |
| Set of 2 standard test leads (angled plug)            | 0590 0011 |
| Set of 2 pin type standard test leads (straight plug) | 0590 0012 |
| Set of 2 test lead extension cables (straight plug)   | 0590 0013 |
| Set of 2 test lead extension cables (angled plug)     | 0590 0014 |
| testo 760 carrying case                               | 0590 0016 |

#### testo 760-1/-2 accessories

#### Order no.

|                                       |           |
|---------------------------------------|-----------|
| Set of 5 x 10 A / 600 V spare fuses   | 0590 0005 |
| Set of 5 x 630 mA / 600 V spare fuses | 0590 0007 |

#### testo 760-2/-3 accessories

|                             |           |
|-----------------------------|-----------|
| Type K thermocouple adapter | 0590 0002 |
| Current probe adapter       | 0590 0003 |

#### testo 760-3 accessories

|                                        |           |
|----------------------------------------|-----------|
| Set of 5 x 10 A / 1000 V spare fuses   | 0590 0004 |
| Set of 5 x 630 mA / 1000 V spare fuses | 0590 0006 |