

# Digital multimeter

testo 760-1  
testo 760-2  
testo 760-3

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Easy, modern operation with function keys instead of a dial

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Measurement parameter detection and selection via the socket assignment

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Prevents incorrect settings

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True root mean square measurement - TRMS

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Large, backlit display

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The testo 760 digital multimeter family comprises three models for all important electrical measuring tasks. Function keys replace the traditional dial on all three instruments, which means easier operation and greater reliability. Incorrect settings are now impossible, because the measurement parameters are detected automatically via the assignment of the measuring sockets and also shown by the illumination of the appropriate function keys.

The testo 760-1 model is the standard version for virtually all daily measuring tasks. The testo 760-2 is differentiated by a larger current measurement range, the true root mean square measurement - TRMS - and a low-pass filter. The testo 760-3 is the model with the highest specification and, in addition to the features of the other two models, it has a voltage range of up to 1000 V, along with higher measuring ranges for frequency and capacitance.

## Technical data/accessories

### testo 760-1

testo 760-1, multimeter, including batteries and 1 set of measuring cables

Order no. 0590 7601



### testo 760-2

testo 760-2, TRMS multimeter, including batteries, 1 set of measuring cables and 1 x adapter for type K thermocouples

Order no. 0590 7602



### testo 760-3

testo 760-3, TRMS multimeter, including batteries and 1 set of measuring cables

Order no. 0590 7603



| Technical data              | testo 760-1                              | testo 760-2          | testo 760-3                    |
|-----------------------------|--|----------------------|--------------------------------|
| True RMS                    | –  | ✓                    |                                |
| Basic accuracy              | 0.8 %                                    | 0.1 %                |                                |
| Voltage measuring range     | 0.1 mV to 600 V AC/DC                    |                      | 0.1 mV to 1000 V AC/DC         |
| Current measuring range     | 1 mA to 10 A AC/DC                       | 0.1 µA to 10 A AC/DC |                                |
| Resistance measuring range  | 0.1 to 40 MΩ                             | 0.01 to 60 MΩ        |                                |
| Frequency measuring range   | 0.001 Hz to 512 kHz                      | 0.1 Hz to 60 MHz     |                                |
| Capacitance measuring range | 0.01 nF to 100 µF                        | 0.001 nF to 60 mF    |                                |
| Temperature measuring range | –  | -20 to +500°C        |                                |
| Continuity testing          | ✓  |                      |                                |
| Diode test                  | ✓  |                      |                                |
| Display (counts)            | 4,000                                    | 6,000                |                                |
| Measurement category        | CAT III 600 V                            | CAT IV 600 V         | CAT IV 600 V<br>CAT III 1000 V |
| Protection class            | IP 64                                    |                      |                                |
| Operating temperature       | -10 to +50 °C                            |                      |                                |
| Storage temperature         | -15 to +60 °C                            |                      |                                |
| Dimensions                  | 167 x 85 x 45 mm (L x W x H)             |                      |                                |
| Weight                      | 340 g                                    |                      |                                |
| Authorizations              | CSA, CE                                  |                      |                                |
| Standards                   | EN 61326-1, EN 61010-2-033, DIN EN 61140 |                      |                                |

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

#### Order no.

|   |           |  |
|---|-----------|--|
| Magnetic hook   | 0590 0001 |  |
| Set of safety crocodile clips, suitable for 0590 0011 and 0590 0012           | 0590 0008 |  |
| Set of crocodile clips, suitable for 0590 0010                                | 0590 0009 |  |
| Set of 2 mm measuring cables (angled plug), suitable for 0590 0009            | 0590 0010 |  |
| Set of 4 mm standard measuring cables (angled plug), suitable for 0590 0008   | 0590 0011 |  |
| Set of 4 mm standard measuring cables (straight plug), suitable for 0590 0008 | 0590 0012 |  |
| Set of measuring cable extensions (straight plug)                             | 0590 0013 |  |
| Set of measuring cable extensions (angled plug)                               | 0590 0014 |  |
| testo 760 transport bag   | 0590 0016 |  |
| ISO calibration certificate multimeter  | 0520 0760 |  |
| DAkkS calibration certificate multimeter                                      | 0520 0761 |  |

#### 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/1,000 V spare fuses   | 0590 0004 |  |
| Set of 5 x 630 mA/1,000 V spare fuses | 0590 0006 |  |