

Smarter, safer, easier: Electrical instruments for HVAC techs, developed from decades of Testo experience!



testo 745 Non-Contact AC Voltage Tester with Dual Level Sensing and Built-in Flashlight



- 12-1000V**
50-1000V: Two sensitivity levels with audible and visual indication
- LED**: Flashing LED indicates sensitivity range down to 12 VAC or standard range above 50 VAC
- Line Neutral Ground**: Differentiates Hot from Neutral in AC outlets
- LPF**: Low-Pass Filter blocks high-frequency interference signals minimizing false indications
- IP67**: Waterproof and dustproof according to IP 67
- Bright LED flashlight** illuminates test area

testo 750 Digital Voltage Tester 0 to 690V AC/DC



- 270°**: Patented all-round viewable LED voltage bar indication
- GFCI**: GFCI circuit check feature
- 3-phase**: 3-phase sequence check
- Single probe**: Single probe voltage detection
- LoZ**: Low input impedance eliminates ghost AC voltage measurements
- Built-in flashlight** for testing in dark places

Voltage tester model comparison	testo 750-1	testo 750-2	testo 750-3
All-round voltage bar Indication	✓	✓	✓
Bright voltage bar with AC/DC, polarity, rotation and voltage indication	✓	✓	✓
Voltage bar indicators 12V to 690V	✓	✓	✓
Ergonomic handle	✓	✓	✓
CAT III 1000V CAT IV 600 TUV/CSA Certified	✓	✓	✓
Built-in Flashlight	✗	✓	✓
Single-probe voltage check	✗	✓	✓
GFCI circuit test function	✗	✓	✓
3 Digit LC Display	✗	✗	✓

Technical data	testo 750-1	testo 750-2	testo 750-3
Voltage testing	0 to 690V AC/DC		
Low Input impedance	< 500 kΩ		
Continuity testing	✓		
Rotating magnetic field testing	100 to 690V AC/DC at 50/60Hz		
Single probe voltage detection	-	100 to 690V AC/DC at 50/60 Hz	
Measurement safety category	CAT IV 600 V / CAT III 1000 V		
Protection class	IP64		
Authorizations	TÜV, CSA, CE		
Standard	EN 61243-3:2010		

Technical data	testo 745
Dual Level Voltage testing	12 to 1,000 VAC 50 to 1,000 VAC
Measurement safety category	CAT IV 600 V / CAT III 1000 V
Authorizations	TÜV, CSA, CE
Standards	EN 61326-1, EN 61010-1

testo 755 200A AC, 600/1000V AC/DC Voltage, Continuity and Phase Rotation Tester



- V A Ω**: Detects testing in-process and selects correct meter configuration to save time and optimize accuracy
- L1 L2 L3**: 3-phase sequence check with motor rotation indication
- Single test lead**: Single test lead voltage test with buzzer indication and interchangeable measuring tips
- Built-in Flashlight** illuminates your measurements
- APO**: Automatic Power On/Off above and below 6 VAC

Current/voltage tester model comparison	testo 755-1	testo 755-2
0.1 to 200A AC	✓	✓
Automatic measurement parameter selection	✓	✓
Built-in Flashlight	✓	✓
Interchangeable measuring tips	✓	✓
Voltage measurement range up to 1,000 V	✗	✓
Single test lead voltage indication	✗	✓
3-phase rotating field indication	✗	✓

Technical data	testo 755-1	testo 755-2
Voltage measuring range	6 to 600V AC/DC	6 to 1000V AC/DC
Current measuring range	0.1 to 200A AC	
Resistance measuring range	1Ω to 100KΩ	
Continuity testing	< 50Ω	
Rotating magnetic field for 3-phase sequence check	-	100 to 690V AC at 50/60Hz
Single probe voltage indication	-	100 to 690V AC at 50/60Hz
Display (counts)	4,000	
Measurement safety category	CAT IV 600V CAT III 1000V	
Protection class	IP64	
Authorizations	TÜV, CSA, CE	
Standards	EN 61243-3:2010, EN 61010-1	

testo 760 DMM TRMS Capacitance with Auto-Test Setup and Low Pass Filter



- V A Ω**: Auto test-setup based upon lead connection prevents blown fuses in the meter, prevents switching from V to A or A to V if leads are not in the proper socket
- V/A/Ω/C**: Detects testing in-process and selects correct meter configuration to save time and optimize accuracy V/A/Ω/C
- 3 Buttons**: 3 Buttons that illuminate for easy and clear selection of test functions
- TRMS**: True root mean square measurements
- LPF**: Low-pass filter for increased measurement accuracy
- HEAVY DUTY**: Drop and water resistant for tough conditions

Digital multimeter model comparison	testo 760-1	testo 760-2	testo 760-3
Automatic parameter detection and selection - prevents blown fuse	✓	✓	✓
3-button operation for selecting test functions instead of a dial	✓	✓	✓
K-type temperature measurement	✗	✓	✓
TRMS -True root mean square measurements	✗	✓	✓
µA current measuring range	✗	✓	✓
Low-Pass filter	✗	✓	✓
Voltage measurement range to 1,000 V	✗	✗	✓

Technical data	testo 760-1	testo 760-2	testo 760-3
Voltage measuring range	0.1mV to 600V AC/DC	0.1mV to 1,000V AC/DC	
Current measuring range	1mA to 10A AC/DC	0.1µA to 10A AC/DC	
Resistance meas. range	0.1 to 40MΩ	0.1 to 60MΩ	
Frequency measuring range	1Hz to 500KHz	1Hz to 60MHz	
Duty Cycle range	-	1% to 99%, 20Hz to 10KHz	
Capacitance measuring range	0.001nF to 100µF	0.001nF to 30,000µF	0.001nF to 60,000µF
Temperature measuring range	-	-4 to 932°F (-20 to 500°C)	
Display (counts)	4,000	6,000	
Meas. Safety category	CAT III 600V	CAT IV 600V	CAT IV 600V CAT III 1000V
Hold/Min/Max	✓		
Continuity testing	<30Ω		
Diode test	2.5V		
Water/Dust Protection	IP64		
Authorizations	TÜV, CSA, CE		
Standard	EN 61326-1		

testo 770 Hook-Clamp DMM-TRMS-Inrush, available 600A / Watts / PF / Temp. / Bluetooth



- Hook-Clamp**: Unique Hook-on function separates and grabs wires without using your hands. Easy Hook-off function with retractable post
- AC/DC**: Meter automatically identifies testing in-process and selects correct meter configuration to save time and optimize accuracy
- WATTS PF**: Real-time Power Measurement (Watts) with simultaneous Power Factor indication (770-3 only)
- TRMS**: True root mean square measurements
- Starting/Inrush**: Starting/Inrush current capture
- testo Smart Probes App** for free download
- Bluetooth/App** eliminates report generation paperwork

Hook-Clamp meter model comparison	testo 770-1	testo 770-2	testo 770-3
Unique hook-clamp wire grab mechanism	✓	✓	✓
Automatic measurement parameter detection	✓	✓	✓
TRMS-True root mean square measurements	✓	✓	✓
Inrush (start up)current measurement	✓	✓	✓
K-type temperature measurement	✗	✓	✓
µA current measuring range	✗	✓	✓
Bluetooth and testo Smart Probes App	✗	✗	✓
Watts/PF Measurement	✗	✗	✓

Technical data	testo 770-1	testo 770-2	testo 770-3
Voltage measuring range	1mV to 600V AC/DC	0.1mV to 600V AC/DC	
Current measuring range	0.1 to 400A AC/DC	0.1 to 600A AC/DC	
Power/Power Factor	-		1mW to 600KW
µA measuring range AC/DC using input jacks	-	0.1 to 400µA	0.1 to 600µA
Resistance measuring range	0.1Ω to 40MΩ		0.1Ω to 60MΩ
Continuity testing	<30Ω		
Diode test	2.5V		
Frequency measuring range	1Hz to 10KHz		
Capacitance measuring range	0.001µF to 100µF		0.001µF to 60,000µF
Temp. measuring range	-20 to 500°C (-4 to 932°F)		
Bluetooth with testo Smart Probes App	-		65 ft. (free field)
Display (counts)	4,000		6,000
Measurement safety category	CAT IV 600V		
Authorizations	TÜV, CSA, CE		
Standards	EN 61326-1, EN 61140		