

Be sure. **testo**



Electrical measurement technology. Re-invented.

Simpler and safer: the new era of measuring instruments from Testo.

Testo **revolutionizes** electrical measuring technology.

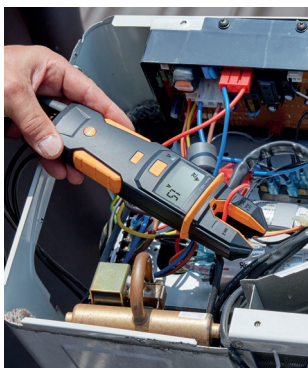
Nearly six decades of testo's instrumentation experience has been brought together to develop an exciting new line of electrical instruments. Designed specifically for today's HVAC technician, these innovative electrical measuring instruments truly stand out with their powerful and unique features, user-friendly controls, and safety focused design. Digital multimeters with automatic measurement parameter recognition, clamp meters with a unique hook on mechanism, and voltage testers which also measure current – welcome to a new era.



Easier and safer than ever before.



Measuring voltage, current, and real-time power on an air conditioning unit with **testo 770-3**.



Measuring current on an air conditioning system with **testo 755**.



Checking for live voltage in a junction box with **testo 745**.

Complete your **daily** measurement jobs.



Measuring voltage on an air conditioning condenser with **testo 760**.



Check relay activation on a heating system with **testo 750**.

Recognizes measurement parameters **automatically.**

The **testo 760** 600/1000V digital multimeter



Measurement parameter recognition by socket allocation prevents blown fuse



Backlit easy to use keys instead of a dial



Accurate measurements



Large, backlit LCD display is easy to read in dark areas

Technical data	testo 760-1	testo 760-2	testo 760-3
Voltage measuring range	0.1 mV to 600 V AC/DC		0.1 mV to 1,000 V AC/DC
Current measuring range	1 mA to 10 A AC/DC	0.1 μ A to 10 A AC/DC	
Resistance measuring range	0.1 to 40 M Ω	0.1 to 60 M Ω	
Frequency measuring range	0.001 Hz to 500 kHz	0.001 Hz to 30 MHz	0.001 Hz to 60 MHz
Capacitance measuring range	0.001 nF to 100 μ F	0.001 nF to 30,000 μ F	0.001 nF to 60,000 μ F
Temperature measuring range	-	-20 to +500 $^{\circ}$ C	
Display (counts)	4,000	6,000	
Measurement category	CAT IV 300 V CAT III 600 V	CAT IV 600 V CAT III 1000 V	
Protection class	IP 64		
Authorizations	TÜV, CSA, CE		
Standards	EN 61326-1		

Grab cables without using hands.

The **testo 770-3** 600A / 600V power clamp meter.



Unique grab mechanism design separates and grabs wires with using your hands



Watts

Power clamp meter measures power, reactive power, and power factor in real time



LCD

Large two-line back-lit display



TRMS

True root mean square measurement - For accurate measurements



Fn+

Additional functions, such as starting current, capacitance, temperature, and μ A measurement



Logging / trending with Bluetooth and free testo Smart Probes App

Technical data	testo 770-1	testo 770-2	testo 770-3
Voltage measuring range	1 mV to 600 V AC/DC		
Current measuring range	0.1 to 400 A AC/DC		0.1 to 600 A AC/DC
Power measurement	-		360kW
μ A measuring range	-	0.1 to 400 μ A AC/DC	
Resistance measuring range	0.1 Ω to 40 M Ω		0.1 Ω to 60 M Ω
Frequency measuring range	0.001 Hz to 10 kHz		
Capacitance measuring range	0.001 μ F to 100 μ F		0.001 μ F to 60,000 μ F
Temperature measuring range	-	-20 to +500 °C	
Bluetooth and testo Smart Probes App	-		✓
Display (counts)	4,000		6,000
Measurement category	CAT IV 600 V / CAT III 1000 V		
Authorizations	TÜV, CSA, CE		
Standards	EN 61326-1, EN 61140		

Easy to read from any position.

The **testo 750** 690V voltage tester.



Clear, patented all-round display with fibre-optic technology



Anti-slip ring for secure grip



Ergonomic handle shape



GFCI

GFCI Test Function



Measuring point illumination



L1 L2 L3

3-Phase sequence test for determining motor rotation

Technical data	testo 750-1	testo 750-2	testo 750-3
Voltage testing	12 to 690 V AC/DC		
Continuity testing	< 500 kΩ		
Rotating magnetic field testing	100 to 690 V AC/DC at 50/60 Hz		
Single pole phase testing	-	100 to 690 V AC/DC at 50/60 Hz	
Measurement category	CAT IV 600 V / CAT III 1000 V		
Protection class	IP 64		
Authorizations	TÜV, CSA, CE		
Standard	EN 61243-3:2010		

The first voltage tester measuring current.

The current/voltage tester **testo 755**.



Automatic measurement parameter detection



3-Phase sequence test for determining motor rotation



Auto-measure without any switching on or selection



Measuring point illumination



Exchangeable measuring tips

Technical data	testo 755-1	testo 755-2
Voltage measuring range	6 to 600 V AC/DC	6 to 1000 V AC/DC
Current	0.1 to 200 A AC	
Resistance	1 Ω to 100 kΩ	
Continuity testing	< 50 Ω	
Rotating magnetic field testing	-	100 to 690 V AC at 50/60 Hz
Single pole phase testing	-	100 to 690 V AC at 50/60 Hz
Display (counts)	4,000	
Measurement category	CAT IV 600 V / CAT III 1000 V	
Protection class	IP 64	
Authorizations	TÜV, CSA, CE	
Standards	EN 61243-3:2010, EN 61010-1	

Filters high-frequency interference.

The **testo 745** non-contact AC voltage detector.



Selectable sensitivity



Visual and audible detection signal



Measuring point illumination



Waterproof and dustproof according to IP 67



Filter blocks high-frequency interference signals

Technical data

testo 745

Dual level Voltage sensing	12 to 1,000 V AC 50 to 1,000 V AC
Measurement safety category	CAT IV 600 V / CAT III 1000 V
Authorizations	CSA, CE
Standards	EN 61326-1, EN 61010-1

Ordering data.

Multimeter testo 760	Order no.	
testo 760-1, multimeter, including batteries and 1 set of measuring cables	0590 7601	
testo 760-2, TRMS multimeter, including batteries, 1 set of measuring cables and 1 x adapter for type K thermocouples	0590 7602	
testo 760-3, TRMS multimeter, including batteries and 1 set of measuring cables	0590 7603	
Voltage tester testo 750	Order no.	
testo 750-1, voltage tester including batteries, measuring tip protector and measuring tip caps	0590 7501	
testo 750-2, voltage tester including batteries, measuring tip protector and measuring tip caps	0590 7502	
testo 750-3, voltage tester including batteries, measuring tip protector and measuring tip caps	0590 7503	
Clamp meter testo 770	Order no.	
testo 770-1, TRMS current probe, including batteries and 1 set of measuring cables	0590 7701	
testo 770-2, TRMS current probe, including batteries, 1 set of measuring cables and 1 x adapter for type K thermocouples	0590 7702	
testo 770-3, TRMS current probe, including batteries and 1 set of measuring cables	0590 7703	
Current/voltage tester testo 755	Order no.	
testo 755-1, current/voltage tester including batteries and measuring tips	0590 7551	
testo 755-2, current/voltage tester including batteries and measuring tips	0590 7552	
Non-contact voltage tester testo 745	Order no.	
testo 745, non-contact voltage tester including batteries	0590 7450	

Accessories at www.testo.com