Be sure. **testo**

Clamp meter

testo 770-1
testo 770-2
testo 770-3

Precise True-RMS measurement

Auto AC/DC for voltage and large two-line display

Bluetooth connection to testo Smart App
and other Testo measuring instruments

Easy to operate innovative slide clamp design

The three instruments in the testo 770 clamp meter range are ideal for current and voltage measurements in tight heat pumps and mini split systems with its compact design. With its innovative slide clamp design, grabbing the correct wire for testing is even safer given the tight spaces for testing thermistors and control panels. Automatic measurement parameter recognition with each testo clamp meter ensures safe working and eliminates the guess work when it comes to voltage measurements. The rotary dial allows more measurements such as resistance, continuity, as well as diode and capacitance, eliminating the need for multiple instruments to add to the bag.

The testo 770-1 model is the standard version for daily measuring tasks, including starting current measurement. In addition, the testo 770-2 contains both a µA area as well as a temperature measurement by means of an optional thermocouple adapter type K.

The testo 770-3 also calculates all output ratings and contains a Bluetooth interface that increases the instrument's flexibility to collect more data at once to diagnosis common problems or electrical connections. With the testo 770-3 clamp meter, technicians are able to connect to select testo instrument with the testo Smart App to show the measurements as a graph or to document it directly in a report.

www.testo.com

Technical data/accessories

testo 770-1

testo 770-1, TRMS clamp meter, including batteries and 1 set of measuring cables

Order no. 0590 7701

testo 770-2

testo 770-2, TRMS clamp meter, incl. batteries, 1 set of measuring cables and 1 x adapter for type K thermocouples

Order no. 0590 7702

testo 770-3

testo 770-3 TRMS clamp meter, including batteries, 1 set of measuring cables and 1 x transport bag

Order no. 0590 7703 04

testo 770-3 Premium kit

testo 770-3, TRMS current meter incl. batteries, 1 set of measuring cables, 1 x temperature probe (TE Type K), 1 set of crocodile clips, 1 set of micro clips, 1 x magnetic holder and 1 x transport bag
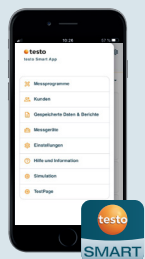
Order no. 0590 7703 05

Technical data	testo 770-1	testo 770-2	testo 770-3
True RMS	✓		
Basic accuracy	0.8 %		0.1 %
Voltage measuring range	1 mV to 600 V AC/DC		1 mV to 1000 V AC 0.1 mV to 1000 V DC
Current measuring range	0.1 to 400 A AC/DC		0.01 to 600 A AC/DC
Performance measurement	–		✓
µA measuring range	–	0.1 to 400 µA AC/DC	0.1 to 600 µA AC/DC
Resistance measuring range	0.1 Ω to 40 MΩ		0.01 Ω to 60 MΩ
Frequency measuring range	0.001 Hz to 9.999 kHz		
Capacitance measuring range	0.01 nF to 100 µF		0.001 nF ... 60 mF
Temperature measuring range	–	-4 to 932 °F (-20 to 500 °C)	
Bluetooth and testo Smart App	–		✓
Continuity testing	✓		
Diode test	✓		
Display (counts)	4000		6000
Measurement category	CAT IV 600 V CAT III 1000 V		
Operating temperature	5 to 140 °F (-10 to +50 °C)		
Storage temperature	5 to 140 °F (-15 to +60 °C)		
Dimensions	9.6 X 3.8 X 1.7 in. (L x W x H)		
Weight	13.3 oz.		
Approvals	CSA/ETL, CE		
Standards	EN 61326-1, EN 61140		

Accessories	Order no.
Thermocouple adapter Type K (for testo 770-2 only)	0590 0021
Set of safety crocodile clips for 0590 0011 and 0590 0012	0590 0008
Set of crocodile clips, suitable for 0590 0010	0590 0009
Set of micro clips, suitable for 0590 0010	0590 0025
Set of 2 mm measuring cables (angled plug) for 0590 0009	0590 0010
Set of 4 mm measuring cables (angled plug) for 0590 0008	0590 0011
Set of 4 mm measuring cables (straight plug) for 0590 0008	0590 0012
Set of measuring cable extensions (straight plug)	0590 0013
Set of measuring cable extensions (angled plug)	0590 0014
testo 755 / testo 770 transport bag	0590 0017
ISO calibration certificate clamp meter	0520 0770

testo Smart App

The App turns your smartphone/ tablet into the display for the testo 770-3. The display of the measured values are by Bluetooth® via the testo Smart App on your smartphone or tablet – irrespective of the measuring location. In addition, you can use the App to create measurement reports, add photos and comments to these and send them by e-mail. To ensure that your current clamp meter is always up to date, firmware updates can be carried out quickly and easily by connecting to the testo Smart App.

Bluetooth 5.0 + App

testo SMART

testo Smart App for free download

GET IT ON Google Play
Download on the App Store

www.testo.com