testo 770

Hook-Clamp DMM with TRMS Inrush, available 600 A[+] / Temp[*+] / Watts and Power factor[+] / Bluetooth[+]

Unique hook-on function separates and grabs wires without using your hands

Retractable post makes hook release fast and easy

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

Real-time power measurement (Watts) with simultaneous power factor indication (770-3 only)

Standard features
- Inrush (starting) current capture • APO (Auto Power Off)
- Min/Max/Hold

Additional features (770-2/-3 only)
- µA for flame rod • Type-K thermocouple • High capacitance • Frequency measurement

Watts / PF

A

µA

V

°F/°C

Ω / µF

Hz

The testo 770 Hook-clamp Digital Multimeter (DMM) is ideally suited for electrical work in HVAC applications. Testo's unique hooking clamp can be used to separate then grab wires. The easy hook-off retractable post releases the wires when testing is complete. You can safely work in tight spaces without using your hands. The 770 series identifies the testing in-process and automatically selects the correct meter configuration which saves you time and increases your accuracy.

The 770 series of instruments are rich in the features HVAC techs need and want including TRMS, starting current, and frequency measurement. The 770-2, which includes µA can also measure temperature using an optional thermocouple adapter. The 770-3 additionally includes real-time power measurements (Watts), Power Factor, and Bluetooth. The Testo App can be used for remote viewing, monitoring trending over time, and creating reports. The powerful app allows you to create custom reports that include photos, data, and graphs that can be saved or sent via email.

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 770-2
+ included on: testo 770-3

www.testo.com/electrical

We measure it. **testo**

Technical data/accessories

testo 770-1

Hook-Clamp DMM 400 A with TRMS and Inrush
includes batteries and 1 set of measuring cables

Order no. 0590 7701

testo 770-2

Hook-Clamp DMM 400 A with TRMS, Inrush, and
temperature measurement
includes batteries, 1 set of measuring cables,
and adapter for type K thermocouples

Order no. 0590 7702

testo 770-3

Hook-Clamp DMM 600 A with TRMS, Inrush,
and temperature and power measurement, and
Bluetooth
includes batteries and 1 set of measuring cables

Order no. 0590 7703

Technical Data	testo 770-1	testo 770-2	testo 770-3
True RMS	✓		
Basic accuracy	0.8 %		
AC/DC voltage	1 mV to 600 V		0.1 mV to 600 V
AC/DC current	0.1 to 400 A AC/DC		0.1 to 600 A
Watts / Power factor	–		100KW / 0.1 to 1.0
µA current range	0.1 to 400 µA		0.1 to 600 µA
Resistance	0.1 Ω to 40 MΩ		0.1 Ω to 60 MΩ
Capacitance	0.001 µF to 100 µF		0.001 to 60,000 µF
inrush	✓		
Bluetooth / App	–		65 ft. free field
Display (counts)	4,000		6,000
Temperature	–	-4 to 932 ° F (-20 to +500 °C)	
Frequency	1 Hz to 10 kHz		
Continuity	< 30Ω		
Diode test	2.5V		
Hold / Min / Max	✓		
Safety category	CAT IV 600V		
Safety certification	TÜV, CSA, CE		
Operating temperature	32 to 122 °F (0 to +50 °C)		
Storage temperature	5 to 140 °F (-10 to +60 °C)		
Dimensions	9.5 x 3.8 x 1.7in. (243 x 96 x 43 mm)		
Weight	0.9 lb (450 g)		
Warranty	2 years		
Standards	EN 61010-1, IEC 61376		
Batteries	3 x AAA		

d.p v1

Subject to change, including technical modifications, without notice.

Testo Electrical App
The Testo *ElectricalApp* combines the
power of your smart phone/tablet with the
accurate measurements of your testo 770.
The operation and display of the instruments are
communicated via Bluetooth to the App on your
smart phone or tablet. For Apple iOS and Android.

Bluetooth + App
testo Smart Probes App
for free download

Google play   App Store

Accessories

Accessories	Order no.
Type K thermocouple plus adapter (for testo 770-2/-3 only)	0590 0021
Set of safety alligator clips	0590 0008
Set of standard alligator clips	0590 0009
Standard 4 ft pin tip leads (with right angle plug)	0590 0011
Standard 4 ft pin tip leads (with straight plug)	0590 0012
Standard 6 ft pin tip leads (with right angle plug)	0590 0013
Standard 6 ft pin tip leads (with straight plug)	0590 0014
testo 755 / testo 770 carrying case	0590 0017

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