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

testo 770

Unique hook-on function separates and grabs wires without using your hands, retractable post releases wires easily

Automatically detects AC/DC for Volts or Amps, and selects the correct range

Bluetooth connection to testo Smart Probe App (770-3 only)

Real-time power measurement (Watts)

Standard features
- Inrush (starting) current capture
- Min/Max/Hold

Additional features (770-2/-3 only)
- µA for flame rod
- High capacitance
- Frequency measurement for variable drives

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 the included Type K thermocouple adapter. The 770-3 (temperature adapter optional) additionally includes real-time power measurements (Watts), and Bluetooth. The 770-3 links to the Testo Smart Probes App and 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.

**+ Depending on model
(See reverse for details)**

www.testo.com/electrical

Be sure. **testo**

Technical data/accessories

testo 770-1

Hook-Clamp DMM 400 A with TRMS and Inrush
includes 3 AAA 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 3 AAA batteries, 1 set of measuring
cables, and 1x adapter for type K thermocouples

Order no. 0590 7702

testo 770-3

Hook-Clamp DMM 600 A with TRMS, Inrush,
temperature (optional), power measurement, and
Bluetooth, includes 3 AAA 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		
AC/DC current	0.1 to 400 A AC/DC		0.1 to 600 A
Watts / Power factor	–		1mW to 360KW
μA current range	–	0.1 to 400 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 meas.	–	-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 600 V / CAT III 1000 V		
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		

[+]Temperature Adapter Standard on 770-2 / Optional on 770-3

d.p v1

Subject to change, including technical modifications, without notice.

Testo Smart Probes App
The Testo **Smart Probes App** combines the
power of your smart phone/tablet with the
accurate measurements of your testo 770-3.
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

ANDROID APP ON Google play   Download on the App Store

Accessories	Order no.
Type K thermocouple adapter (for testo 770-2/-3 only)	0590 0021
Set of safety alligator clips	0590 0008
Set of standard alligator clips	0590 0009
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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