

Model comparison: The clamp meter testo 770.



Unique grab mechanism makes it easier to work at tight measuring points.



Auto AC/DC for voltage



Large two-line display



True root mean square measurement (TRMS)



With additional functions, such as starting current, power and μA measurement

Order no. 0590 7701



TRMS clamp meter, including batteries and 1 set of measuring cables.

Order no. 0590 7702



TRMS clamp meter, including batteries, 1 set of measuring cables and 1 x adapter for Type K thermocouples.

Order no. 0590 7703 02



TRMS clamp meter, including batteries, 1 set of measuring cables and 1 x transport bag.

Clamp meter model comparison

	testo 770-1	testo 770-2	testo 770-3
Unique clamp mechanism	✓	✓	✓
Automatic measurement parameter recognition	✓	✓	✓
Two-line display	✓	✓	✓
True root mean square measurement (TRMS)	✓	✓	✓
Starting current measurement	✓	✓	✓
μA current measuring range	–	✓	✓
Bluetooth and testo Smart App	–	–	✓
Performance measurement	–	–	✓
Increased precision in the lower current range	–	–	✓

Technical data

	testo 770-1	testo 770-2	testo 770-3
Voltage measuring range	1 mV to 600 V AC/DC	1 mV to 600 V AC/DC	1 mV to 1000 V AC/DC 0,1 mV to 1000 V DC
Current measuring range	0.1 to 400 A AC/DC	0.1 to 400 A AC/DC	• 0,01 to 600 A AC/DC
Measuring range μA	–	• 0,1 to 400 μA AC/DC	• 0,1 to 600 μA AC/DC
Resistance measuring range	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω	• 0.01 Ω to 60 M Ω
Frequency measuring range	0.01 Hz to 10 kHz	0.01 Hz to 10 kHz	0.01 Hz to 9.999 kHz
Capacitance measuring range	0.01 nF ... 100 μF	0.01 nF ... 100 μF	• 0.001 nF to 60 mF
Temperature measuring range	–	• -20 to +500 °C	• -20 to +500 °C
Display (counts)	4000	4000	• 6000
Measurement category	CAT IV 600 V, CAT III 1,000 V	CAT IV 600 V, CAT III 1,000 V	CAT IV 600 V, CAT III 1,000 V
Approvals	CSA/ETL, CE	CSA/ETL, CE	CSA/ETL, CE
Standards	EN 61326-1, EN 61140	EN 61326-1, EN 61140	EN 61326-1, EN 61140

• Key differences between the models