

Model comparison: The clamp meter testo 770.



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



Auto AC/DC for current and voltage



Large two-line display



True root mean square measurement - TRMS



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



Clamp meter model comparison

	testo 770-1	testo 770-2	testo 770-3
Unique clamp mechanism	✓	✓	✓
Automatic measurement parameter detection	✓	✓	✓
Two-line display	✓	✓	✓
True root mean square measurement - TRMS	✓	✓	✓
Starting current measurement	✓	✓	✓
μA current measuring range	-	✓	✓
Bluetooth and testo Smart Probes App	-	-	✓
Performance measurement	-	-	✓

Technical data

Voltage measuring range	1 mV to 600 V AC/DC	1 mV to 600 V AC/DC	1 mV to 600 V AC/DC
Current measuring range	0.1 to 400 A AC/DC	0.1 to 400 A AC/DC	• 0.1 to 600 A AC/DC
μA measuring range	-	• 0.1 to 400 μA AC/DC	• 0.1 to 400 μA AC/DC
Resistance measuring range	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω	• 0.1 Ω to 60 M Ω
Frequency measuring range	0.001 Hz to 10 kHz	0.001 Hz to 10 kHz	0.001 Hz to 10 kHz
Capacitance measuring range	0.001 μF to 100 μF	0.001 μF to 100 μF	• 0.001 μF to 60,000 μF
Temperature measuring range	-	• -20 to +500 °C	• -20 to +500 °C
Display (counts)	4,000	4,000	• 6000
Measurement category	CAT IV 600 V / CAT III 1000 V	CAT IV 600 V / CAT III 1000 V	CAT IV 600 V / CAT III 1000 V
Authorizations	TÜV, CSA, CE	TÜV, CSA, CE	TÜV, CSA, CE
Standards	EN 61326-1, EN 61140	EN 61326-1, EN 61140	EN 61326-1, EN 61140

• Main differences between the models