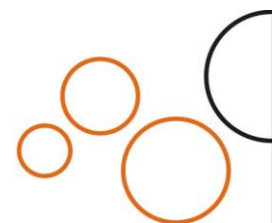
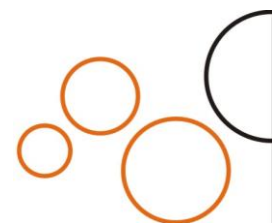


TECHNICAL DETAILS – testo 770-2

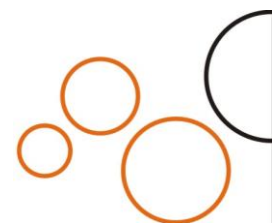
Temperature - TC Type K (NiCr-Ni)	
Measuring range	-20 to +500 °C
Accuracy	±1 °C (0 to +100 °C)
Resolution	0.2 °C
DC voltage	
Measuring range	1.0 to 600.0 V
Resolution	max. 1 mV
Accuracy	± (0.8 % of mv + 3 Digit)
AC voltage	
Measuring range	1.0 mV to 600.0 V
Resolution	max. 1 mV
Accuracy	± (1.0 % of mv + 3 Digit)
DC current	
Measuring range	0.1 to 400.0 A (clamp) 0.1 to 400.0 µA (measuring cables)



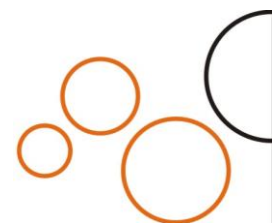
DC current	
Resolution	0.1 (clamp) 0.1 (measuring cables)
Accuracy	$\pm (2 \% \text{ of mv} + 5 \text{ Digit})$ (clamp) $\pm (1.5 \% \text{ of mv} + 5)$ (measuring cables)
AC current	
Measuring range	0.1 to 400.0 A (clamp) 0.1 to 400 μ A (measuring cables)
Resolution	0.1 A (clamp) 0.1 μ A (measuring cables)
Accuracy	$\pm (2 \% \text{ of mv} + 5 \text{ Digit})$ (clamp) $\pm (1.5 \% \text{ of mv} + 5 \text{ Digit})$ (measuring cables)
Resistance	
Resolution	max. 0.1 Ohm
Measuring range	0.1 to 40.00 MOhm
Accuracy	$\pm (1.5 \% \text{ of mv} + 3 \text{ Digit})$
Capacitance	
Resolution	max. 0.01 nF



Capacitance	
Measuring range	10 nF to 100.0 μ F
Accuracy	\pm (1.5 % of mv + 5 Digit)
General technical data	
Operating humidity	0 to 80 %RH
Weight	378 g
Dimensions	249 x 96 x 43 mm
Operating temperature	-10 to +50 $^{\circ}$ C
Product colour	Black
Connectable probes	1 x temperature probe (adapter required for type K thermocouples)
Standards	EN 61326-1; EN 61010-2-032; EN 61140
Battery type	3 AAA micro batteries
Display type	LCD
Display size	2 lines
Interface	2 measuring jacks



General technical data	
Storage temperature	-15 to +60 °C
Oversvoltage Category	CAT IV 600V; CAT III 1000V
Authorizations	CSA; CE
Internal_resistance	11 MOhm (AC / DC)
Instrument Measurement Functions	
Diode test	yes
Continuity testing	yes
Display lighting	yes
Hold	yes
MinMax	yes
Temperature measurement with adapter	yes
True RMS	yes
Inrush current measurement	yes
Display (counts)	4,000



Instrument Measurement Functions	
μA current measuring range	yes
Autom. measurement parameter detection	yes

