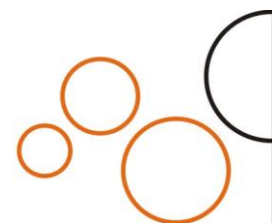
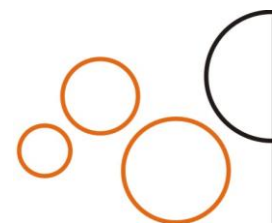


## TECHNICAL DETAILS – testo 770-1

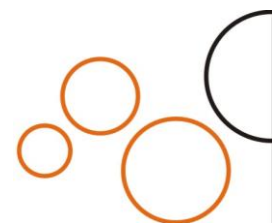
DC voltage	
<b>Measuring range</b>	1.0 to 600.0 V
<b>Resolution</b>	max. 1 mV
<b>Accuracy</b>	± (0.8 % of mv + 3 Digit)
AC voltage	
<b>Measuring range</b>	1.0 mV to 600.0 V
<b>Resolution</b>	max. 1 mV
<b>Accuracy</b>	± (1.0 % of mv + 3 Digit)
DC current	
<b>Measuring range</b>	0.1 to 400 A
<b>Resolution</b>	max. 0.1
<b>Accuracy</b>	± (2 % of mv + 5 Digit)
AC current	
<b>Measuring range</b>	0.1 to 400 A



AC current	
<b>Resolution</b>	max. 0.1 A
<b>Accuracy</b>	$\pm (2 \% \text{ of mv} + 5 \text{ Digit})$
Resistance	
<b>Resolution</b>	max. 0.1 Ohm
<b>Measuring range</b>	0.1 to 40.00 MOhm
<b>Accuracy</b>	$\pm (1.5 \% \text{ of mv} + 3 \text{ Digit})$
Capacitance	
<b>Resolution</b>	max. 0.01 nF
<b>Measuring range</b>	10 nF to 100.0 $\mu$ F
<b>Accuracy</b>	$\pm (1.5 \% \text{ of mv} + 5 \text{ Digit})$
Frequency	
<b>Measuring range</b>	10 nF to 100.0 $\mu$ F
<b>Accuracy</b>	$\pm(0.1 \% + 1 \text{ Digit})$



General technical data	
<b>Operating humidity</b>	0 to 80 %RH
<b>Weight</b>	378 g
<b>Dimensions</b>	249 x 96 x 43 mm
<b>Operating temperature</b>	-10 to +50 °C
<b>Product colour</b>	Black
<b>Standards</b>	EN 61326-1; EN 61010-2-032; EN 61140
<b>Battery type</b>	3 AAA micro batteries
<b>Display type</b>	LCD
<b>Display size</b>	2 lines
<b>Interface</b>	2 measuring jacks
<b>Storage temperature</b>	-15 to +60 °C
<b>Overvoltage Category</b>	CAT IV 600V; CAT III 1000V
<b>Authorizations</b>	CSA; CE
<b>Internal_resistance</b>	11 MOhm (AC / DC)



<b>Instrument Measurement Functions</b>	
<b>Diode test</b>	yes
<b>Continuity testing</b>	yes
<b>Display lighting</b>	yes
<b>Hold</b>	yes
<b>MinMax</b>	yes
<b>True RMS</b>	yes
<b>Inrush current measurement</b>	yes
<b>Display (counts)</b>	4,000
<b>Autom. measurement parameter detection</b>	yes

