TESTEC

AC/DC CURRENT PROBES
for oscilloscopes and digital multimeters

TT-CC series
220, 550, 770 und 990 models

Overview of TT CC series current probes

MODELL	TT-CC 220		TT-CC 550		TT-CC 770		TT-CC 990	
Empfindlichkeit (umschaltbar)	100 mV/A	10 mV/A	200 mV/A	20 mV/A	500 mV/A	50 mV/A	1 V/A	100 mV/A
max. Current DC	10 A	100 A	5 A	50 A	7 A	70 A	4 A	40 A
max. Current DC+ACp	10 A	100 A	5 A	50 A	7 A	70 A	4 A	40 A
max. Current ACp	10 A	100 A	5 A	50 A	7 A	70 A	4 A	40 A
max. Current ACp-p	20 A	200 A	10 A	100 A	14 A	140 A	8 A	80 A
max. RMS CAT III	7,07 A	70,7 A	3,54 A	35,4 A	5 A	50 A	2,8 A	28 A
max. RMS CAT II	7,07 A	70,7 A	3,54 A	35,4 A	5 A	50 A	2,8 A	28 A
max. RMS CAT I	7,07 A	70,7 A	3,54 A	35,4 A	5 A	50 A	2,8 A	28 A
max. Working Voltage	600 VAC RMS CAT II / 300 VAC RMS CAT III							
Pollution Degree	2							
DC Measurement Accuracy (typical))	±3% ±50 mA @ 100 mV/A (50 mA to 10 A peak) ±4% ±50 mA @ 10 mV/A (500 mA to 40 A peak) ±15% max @ 10 mV/A (40 A peak to 100 A peak)		<±3% ±30 mA @ 200 mV/A (30 mA to 5 A peak) ±4% ±300 mA @ 20 mV/A (300 mA to 20 A peak) ±15% @ 200 mV/A (20 A peak to 50 A peak)		<±3% ±20 mA @ 500 mV/A (20 mA to 14 A peak) ±4% ±200 mA @ 50 mV/A (200 mA to 100 A peak) ±15% @ 50 mV/A (100 A peak to 140 A peak)		<±3% ±10 mA @ 1 V/A (10 mA to 8 A peak) ±4% ±100 mA @ 100 mV/A (100 mA to 80 A peak)	
Bandwidth (-3dB)	DC – 300 kHz		DC – 500 kHz		DC – 1 MHz		DC – 1,5 MHz	
Phase Shift	See Figure 9							
Anstiegs- und Abfallzeit	1,2 µs (typ.)		0,7 µs (typ.)		0,35 µs (typ.)		0,23 µs (typ.)	
Battery Type	9 V Alkaline (NEDA 1604A, IEC 6LR61)							
Typ. Battery Life	8 h				6 h		4 h	
Operating Temperature	0 to 50 °C							
Storage Temperature	-20 to 80 °C							
Max. Operating Humidity	95 % humidity, 0 to 40°C 45 % humidity, 40 to 50°C							
Dimensions	280 mm x 70 mm x 32 mm				262 mm x 81 mm x 36 mm			
Maximum Conductor	11 mm				10,3 mm			
Cable Length	100 cm		100 cm		100 cm		100 cm	
Weight(without battery)	260 g		260 g		310 g		310 g	