



	F21	F23	F27
Display	10,000 counts and 30-segment bargraph	triple 10,000 counts	
Clamping capacity	Ø 42 mm or 50 x 5 mm bar	Ø 50 mm or 80 x 5 mm bar	
Intensity (True RMS)	50 mA to 700 A (1000 Apeak) <sup>(1)</sup>	300 mA to 1000 A (1500 Apeak)	
Tension (True RMS)	50 mV to 600 V (1200 Vpeak) <sup>(1)</sup>	50 mV to 600 V (1500 Vpeak)	
Peak value	PEAK	" + " or " - " PEAK	
Crest factor (CF)	1 to 10		
Ripple			2 to 1000 %
Frequency	0.5 Hz to 10 kHz	0,5 Hz to 20 kHz	
THD	0.5 to 600 %	0.2 to 600 %	
Harmonic distortion factor (DF)	0.5 to 10 %	0.2 to 100 %	
Harmonic distortion order by order			up to the 25 <sup>th</sup> order
Record	min, max and avg. values		
Smooth value	during 3 s		
Hold	for all functions		
Analogue output <sup>(3)</sup>	2 cal.: 1-10 mV / A		
Active, reactive, apparent powers	10 W to 600 kW (var and VA)		
Power factor (PF)	0 to 1		
Power displacement factor (Cos. φ)	-1 / +1 <sup>(2)</sup>		
K factor (KF)			1 to 30
THD factor			0.2 to 1
Monitoring (SCAN mode)			progr rate: 1 to 60 min
Power supply / operating life	9 V battery / 50 hours	4 x 1.5 V batteries / 40 hours	
Climatic conditions	-10°C to +55°C / RH ≤ 80 %		
Electrical safety	IEC 61010-1. 600 V cat. III		
Protection index	IP 40		
Weight	600 g	670 g	
Dimensions	254 x 97 x 44 mm	275 x 103 x 50 mm	
State of delivery	in hard case with leads, crocodile clips, and test leads		
	in bag with set of leads and oscilloscope lead (banana/BNC)	Delivered in its carrying case with a set of 2 test probe leads, 2 crocodile clips and 4 x 1.5 V batteries.	Delivered in its carrying case with a set of 2 test probe leads, 2 voltage leads, 2 crocodile clips, an RS 232 optical output adapter with its software, 4 x 1.5V batteries, a mini instruction guide and a user's manual.

(1) Automatic adjustment of the zero in continuous intensity - (2) Factors spécifique to measurements on transformers

(3) For displaying the current on an oscilloscope - (4) Configurable for recording and processing results later on, on a PC or printer