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**> Selection Guide**



	FO1	FO3	FO5	FO7	FO9	FI1N	FI3N	FI5
Measurement method	AC RMS	AC RMS / DC		TRMS (AC+DC)		AVG	AC RMS	AC RMS / DC
Clamping diameter		26 mm					42 mm	
Display	4000 counts							
Backlighting		yes						
AC/DC auto selection		yes						
Auto ranging selection		yes		yes		yes		yes and manual
Bandwidth	40 Hz to 2 kHz / 5 kHz	40 Hz to 1 kHz / 2 kHz		40 Hz to 1 kHz		45 to 450 Hz		
Crest factor		3.5 to full scale					1.5 to 5	
Current AC		0.20 to 40 - 400 A/600 A peak				0,5 to 400 - 700 A		0,5 to 400 - 1 000 A
Current DC								0.2 to 400 - 1 400 A
Basic Accuracy		1.50 %				2,50 %		
Zero DC (1)		yes				yes		
Voltage DC		0.2 to 40 - 400 - 600 V/900 V peak				400 V - 600 V		200 mV to 400 mV - 4 V - 40 V - 400 V - 600 V
Voltage AC								
Basic accuracy		1 %				1 % DC, 1.5 % AC		
Input impedance		1 MΩ				1 MΩ		10 MΩ
Resistance	400 Ω	400 Ω - 4 000 Ω	400 Ω - 4 kΩ - 40 kΩ			400 Ω - 4 kΩ		400 Ω - 4 kΩ - 40 kΩ - 400 kΩ - 4 MΩ
Basic accuracy		1 %				1,5 %		
Continuity (buzzer)	R < 40 Ω	R < 40 Ω adjustable				R < 40 Ω		
Semi-conductor test				yes				
Frequency		10,00 to 40,0 - 400 - 4000 Hz - 20 kHz		10 Hz to 20 kHz			4 kHz	100 Hz / 1 kHz / 4 kHz
Basic accuracy		0.40 %				0,10 %		
Power measurement (single-phase) with power factor		5 to 4000 W - 40 kW - 240kW (2%) / W and FP only for monophase		5 to 4000 W - 40 kW - 240kW (2%) / in W, VA, var and FP				
Phase rotation order		yes		yes				
Temperature Functions		yes		yes			yes	
		Min/Max (100 ms) - Peak (500 μs) adapter		Hold		Max		Min/Max
		V live(2)						
Electrical safety		Last calibration date						
Guarantee		IEC 61010, 1000 V cat. II/ 600V cat. III / 300 V cat. IV		1 year				
Operating life	100 h	75 h	60 h	75 h	70 h	180 h	100 h	60 h
Dimensions	193 x 70 x 37 mm					254 x 97 x 46 mm		
Weight	260 g					600 g		
State of delivery	with carrying case, 2 test probe leads and 9 V battery	with carrying case, 2 test probe leads, 9 V battery, 1 K couple adapter	with carrying case, 2 test probe leads, 9 V battery, 1 K couple adapter, and 1 crocodile clip	with carrying case, 2 test probe leads, 9 V battery, 1 K couple adapter	with carrying case, 2 test probe leads, 9 V battery, and 1 crocodile clip	with carrying case, 2 test probe leads and one 9 V battery,		

(1) automatic Zero adjustment in IDC (2) hazardous voltage indication

**References**

FO1 > P01.1209.01Z

FO5 > P01.1209.05Z

FO9 > P01.1209.09

FI3N > P01.1207.53C

FO3 > P01.1209.13Z

FO7 > P01.1209.07Z

FI1N > P01.1207.51C

FI5 > P01.1207.55