

> Selection Guide



	F01	F03	F05	F07	F09	F11N	F13N	F15
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
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
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 - 240 kW (2 %) / W and FP only for monophase			5 to 4000 W - 40 kW - 240 kW (2 %) / in W, VA, var and FP				
Phase rotation order	yes			yes				
Temperature Functions	yes		yes		yes			
	Hold							
	Min/Max (100 ms) - Peak (500 μs) adapter				Max		Min/Max	
	V live ⁽²⁾							
	last calibration date							
Electrical safety 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