



Product Code		Description
iMeter 7A Advanced Power Quality Analyzer		
	Basic Feature	
	A	IEC 61000-4-30 Ed.3.1 Class A Certified with 2kHz-9kHz C.E. Measurements
	B*	IEC 61000-4-30 Ed.3.1 Class A Certified with 2kHz-150kHz C.E. Measurements
	Input Current	
	5	5A
	1	1A
	SCCT	For use with 100A/200A/400A/800A/1600A to 40mA SCCTs (SCCTs not included)
	SCCTA	For use with 5A/2mA SCCT (SCCTs not included)
	SCCPA^	SCCP Option for use with CT Clamps with max. 500mV output (SCCPs not included)
	Input Voltage	
	9	400VLN/690VLL + 20%
	Power Supply	
	2	95-250VAC/DC ± 10%, 47-440Hz
	3	20-60VDC
	System Frequency	
	5	50Hz
	6	60Hz
	I/O	
	A	4xDI + 3xDO
	B	4xDI + 1xDO + 2xSS Pulse Outputs
	C*	8xDI + 5xDO + 2xAI
	D*	8xDI + 5xDO + 2xRTD Inputs
	Communications	
	A	2x100BaseT + 1xRS-485
	Display Language	
	E	English
iMeter 7A - A 5 9 2 5 A A E		iMeter 7A-A5925AAE (Standard Model)

*Additional charges apply

^ The SCCPA option is compatible with the SCCP models listed in the "SCCP Option" sheet. This option does not come with any Current Clamp. Please refer to the "SCCP Option" sheet for more information and order the desired model and quantity as a separate item.

CT Clamps									
Model No.	Measurement Range	Max. Allowable Current	Output Voltage	Accuracy	Protection	Diameter	Cable Length	Termination	Appearance
PMC-SCCP-50A-500mV-B-A-B	5A (50A I _{max})	50A	AC 10mV/A (Max. 500mV)	±0.3% rdg. ±0.02% f.s.	CAT III 300V	15mm	3m	BNC	
PMC-SCCP-200A-200mV-B-B-B	20A/200A (200A I _{max})	260A	AC 10mV/A @ 20A AC 1mV/A @ 200A (Max. 200mV)	±0.3% rdg. ±0.02% f.s.	CAT III 600V	24mm	3m	BNC	
PMC-SCCP-500A-500mV-B-B-B	500A (500A I _{max})	500A	AC 1mV/A (Max. 500mV)	±0.3% rdg. ±0.02% f.s.	CAT III 600V	50mm	3m	BNC	

Rogowski Coils									
Model No.	Measurement Range	Rated Current (In)	Output Voltage	Accuracy	Protection	Diameter	Cable Length	Termination	Appearance
PMC-SCCP-5kA-500mV-B-C-C-371	500A/5000A Rogowski Coil (5000A I _{max})	5000A	AC 1mV/A @ 500A AC 0.1mV/A @ 5000A (Max. 500mV)	±2.0% rdg. (1% - 200%) In	CAT III 1000V CAT IV 600V	371mm	3m	BNC	 * The lead can be extended by BNC(M) BNC(F) Coaxial Cable. # Integrator can be powered by battery or external 12VDC Power Supply.
PMC-SCCP-5kA-500mV-B-C-C-254	500A/5000A Rogowski Coil (5000A I _{max})	5000A	AC 1mV/A @ 500A AC 0.1mV/A @ 5000A (Max. 500mV)	±2.0% rdg. (1% - 200%) In	CAT III 1000V CAT IV 600V	254mm	3m	BNC	
PMC-SCCP-5kA-500mV-B-C-C-150	500A/5000A Rogowski Coil (5000A I _{max})	5000A	AC 1mV/A @ 500A AC 0.1mV/A @ 5000A (Max. 500mV)	±2.0% rdg. (1% - 200%) In	CAT III 1000V CAT IV 600V	150mm	3m	BNC	
PMC-SCCP-5kA-500mV-B-C-C-100	500A/5000A Rogowski Coil (5000A I _{max})	5000A	AC 1mV/A @ 500A AC 0.1mV/A @ 5000A (Max. 500mV)	±2.0% rdg. (1% - 200%) In	CAT III 1000V CAT IV 600V	100mm	3m	BNC	

External Power Supply for Rogowski Coil				
Model No.	Input Voltage	Output Voltage	Rating	Socket Type
ESP-1	AC 100-240V	DC 5V	2A	US
KDP12W-01	AC 100-240V	DC 5V	2A	UK

*Each Rogowski Coil comes with an External Power Supply. Pls specify the socket type (US or UK standard).

Extension cable for Rogowski Coil (Optional)		
Model No.	Connector type	Cable length
*BNC-F-M-2	BNC Female-Male	2m
*BNC-F-M-5	BNC Female-Male	5m
*BNC-F-M-10	BNC Female-Male	10m
*BNC-F-M-30	BNC Female-Male	30m

*Additional charges apply



Product Code		Description	
PMC-SCCP Split-Core Current Probe			
Current (Imax) - Output Voltage			
50A-500mV		5A Nominal, 50A max. (10mV/A)	
200A-200mV		20A/200A (10mV/A @ 20A or 1mV/A @ 200A)	
500A-500mV		500A max. (1mV/A)	
5000A-500mV		500A/5000A Rogowski Coil @ CAT III 1kV & CAT IV 600V (1mV/A @ 500A or 0.1mV/A @ 5000A)	
		Termination	
B		BNC Connector	
		CAT III	
A		300V (Applies to the 50A SCCP)	
B		600V (Applies to the 200A and 500A SCCPs)	
C		1000V (Applies to the 5000A SCCP)	
		Version	
B		Applies to the 50A, 200A and 500A SCCPs	
C-371		Applies to the 5000A Rogowski Coil with 371mm Coil Diameter*	
C-254		Applies to the 5000A Rogowski Coil with 254mm Coil Diameter*	
C-150		Applies to the 5000A Rogowski Coil with 150mm Coil Diameter*	
C-100		Applies to the 5000A Rogowski Coil with 100mm Coil Diameter*	
PMC-SCCP	- 50A - 500mV - B - A - B	PMC-SCCP-50A-500mV-B-A-B (Standard)	

*Additional charges apply



CET
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Version 20200612

SCCT for Input Current

Model #	Specification	Accuracy	Aperture (mm)	Cable Length
PMC-SCCT-100A-40mA-16-A	100A/40mA, 1-phase Split-Core CT	0.5	φ16	2m
PMC-SCCT-200A-40mA-24-A	200A/40mA, 1-phase Split-Core CT	0.5	φ24	2m
PMC-SCCT-400A-40mA-35-A	400A/40mA, 1-phase Split-Core CT	0.5	φ35	2m
PMC-SCCT-800A-40mA-A	800A/40mA, 1-phase Split-Core CT	0.5	80x50	Not included
PMC-SCCT-1600A-40mA-A	1600A/40mA, 1-phase Split-Core CT	0.5	129x55	Not included
PMC-SCCT-5A-2mA-16-A	5A/2mA, 1-phase Split-Core CT	1	φ16	2m

Please refer to Cable Length for details and contact the factory in advance for special requirements.