Current Channels		PM7000	PM4000	PM3000HF	PM2000F	PM2000F-300	PM7000 FLM	PM7503
Current Channels	Voltage Channels	4 (0-600 VAC)	4 (0-600 VAC)	3 (0-525 VAC)			4 (0-600 VAC)	
Recording Channels	Current Channels			3 (2 ranges- 6000A or 400.0A)	Rogowski Type '	Rogowski Type		supplied, nominal
Parameters Par	Detailed Recording Channels	32	32	16	16	16	32	32
Sample Rate Samples/cycle Motivage (gr.sm) (g	General Parameters*1	\odot					\odot	\odot
Expandable Memory Stick Filicker (Ptt. Pst. Prinst Pflag) Filicker (Ptt. Pst. Pst. Pst. Pst. Pst. Pst. Pst.	Sample Rate	Samples/cycle PM7000H @ 2,056 Samples/cycle PM7000T @ 20,480	320 Samples/cycle	3,840 Samples/sec	3,840 Samples/sec	3,840 Samples/sec	320 Samples/cycle	19.2k Samples/sec
with a memory Stick Comments Comments </td <td>Memory storage for recorded data</td> <td>128MB</td> <td>32MB</td> <td>8MB, 16MB, 32MB</td> <td>1MB</td> <td>1MB</td> <td>128MB</td> <td>128MB</td>	Memory storage for recorded data	128MB	32MB	8MB, 16MB, 32MB	1MB	1MB	128MB	128MB
First, Pfilag) Finst, Pfilag) Finst, Pfilag) Finst, Pfilag Finst, Pfilag) Finst, Pfilag Fi	Expandable Memory with a memory Stick or Hard Drive	\odot	\odot				\odot	\odot
Interharmonics Optional THD and THC W Optional THD and THC Optional New Optional New Optional Optional New Optional Optional Optional New Optional	Flicker (Plt, Pst, Pinst, Pflag)	\odot	\odot	\odot	\odot	\odot	\odot	\odot
THD and THC	Highest order of individual harmonics*2	50th (127th Optional)	50th	15th	N/A	N/A	50th (127th Optional)	50th (127th Optional)
kW Image: Components <t< td=""><td>Interharmonics</td><td>Optional</td><td></td><td></td><td></td><td></td><td>Optional</td><td>Optional</td></t<>	Interharmonics	Optional					Optional	Optional
KVAR	THD and THC	\odot	\odot	\odot	\odot	\odot	\odot	\odot
KVAR Power Factor O O O O O O O O O O O O O	kW	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Power Factor Po	KVA	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Unbalance (V & I) O O O O O O O O O O O O O O O O O O	KVAR	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Frequency 45-65Hz (can automatically detect 50 or 60Hz nominal) InRush Current Optional Optional Measures to Class	Power Factor	\odot	\odot	\odot	\odot	\odot	\odot	\odot
InRush Current InRush Current	Unbalance (V & I)	\odot	\odot	\odot	\odot	\odot	\odot	\odot
K Factor \bigcirc	Frequency 45-65Hz (can automatically detect 50 or 60Hz nominal)	\odot	\odot	\odot	\odot	\odot	\odot	\odot
DC Measurement Optional Symmetrical Components Optional Optional Optional Measures to Class Measures to Class Measures to Class Class S Measures to Class Measures Meas	InRush Current	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Symmetrical Components Measures to Class Measures Measu	K Factor	\odot	\odot				\odot	\odot
IEC6100-4-30 Measures to Class Measures to Class Class S Measures to Class Measures to Class	DC Measurement			Optional				\odot
	Symmetrical Components	\odot	\odot	\odot			\odot	\odot
	IEC6100-4-30			Class S				Measures to Class A or more accurate

	РМ7000	PM4000	РМ3000НF	PM2000F	PM2000F-300	PM7000 FLM	PM7503
Single Cycle Adaptive Store	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Time Interval Store	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Sag / Swell / Outage Monitoring	\odot	\odot	\odot	\odot	\odot	\odot	\odot
High Speed Waveforms with AutoRanking Waveform Capture	PM7000S @ 320 Samples/cycle PM7000H @ 2,056 Samples/cycle PM7000T @ 20,480 Samples/cycle	320 Samples/cycle	3,840 Samples/sec	3,840 Samples/sec	3,840 Samples/sec	320 Samples/cycle	19.2k Samples/sec
Waveform Capture Memory	32MB	2MB	N/A	N/A	N/A	32MB	32MB
Transient detection	(both cycle & sub-cycle)	(both cycle & sub-cycle)	(down to single cycle)	(down to single cycle)	(down to single cycle)	(both cycle & sub-cycle)	(both cycle & sub-cycle)
CBEMA / ANSI / ITIC curve plots	\odot	\odot				\odot	\odot
Onboard Display			\odot				
Bluetooth	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Ethernet	Optional	Optional				Optional	⊘
USB or Infra-Red Communication	USB	USB	USB	Infra-Red	Infra-Red	USB	USB
Remote screen with PMScreen	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Remote Communications via PMGateway	\odot	\odot	\odot	\odot	\odot	\odot	\odot
Time Synchronization over mobile phone or PC	\odot	\odot				\odot	\odot
Baud Rate	Up to 921.6k	Up to 921.6k	115.2k	115.2k	115.2k	Up to 921.6k	Up to 921.6k
Power Requirements	Powered from V1 input (90-660 VRMS, 15W Max) OR from charger input @ 12Vdc, 6W Max.	Powered from V1 input (90-660 VRMS, 15W Max) OR from charger input @ 12Vdc, 6W Max.	Powered from V1 input (50-525 VRMS,) OR from charger input @ 12Vdc, 6W Max.	100-300 Vac from L1 to L2 voltage measurement or separate power supply	100-300 Vac from L1 to L2 voltage measurement or separate power supply	Powered from V1 input (90-660 VRMS, 15W Max) OR from charger input @ 12Vdc, 6W Max.	
Portable/Fixed	Р	Р	Р	Р	Р	Р	F
Dimension	9" x 7.5" x 4.3"	9" x 7.5" x 4.3"	8" x 6.5" x 3.5"	6.75" x 6.75" x 5"	6.75" x 6.75" x 6"	9" x 7.5" x 4.3"	11.3" x 8.1" x 2.8"
Weight	7.7lbs	7.7lbs	2.5lbs	2.6lbs	2.6lbs	7.7lbs	
Operating Temperature	-20 to 60°C	-20 to 60°C	-10 to 60°C	-30 to 65°C	-30 to 65°C	-20 to 60°C	-20 to 60°C
Accuracy	< 0.25% excluding sensors, +/- 2LSDs (in target ranges)	0.2%. 0.1% in reference range 20-30°C (excluding sensors). +/-2LSB.	Volts and wide range current < 0.25% True RMS Narrow range current < 1% True RMS	Voltage < 0.25% True RMS of Reading Current < 0.5% True RMS of Reading	Voltage < 0.25% True RMS of Reading Current < 0.5% True RMS of Reading	< 0.25% excluding sensors, +/- 2LSDs (in target ranges)	0.2%. 0.1% in reference range 20-30°C (excluding sensors). +/-2LSB.
Safety Rating	600V Cat IV, 1000V Cat III (Fuses removed)	600V Cat IV, 1000V Cat III (Fuses removed)	600V Cat III	600V Cat III	600V Cat III	600V Cat IV, 1000V Cat III (Fuses removed)	600V Cat III
IP Rating	IP65	IP65	IP51	N/A	N/A	IP65	IP40
Software	Pronto for Windows	Pronto for Windows	Pronto for Windows	Pronto for Windows	Pronto for Windows	Pronto for Windows	Pronto for Windows