

PM2000-300BT



Each Unit Includes:

- ✓ Infrared USB Download Cable
- ✓ Neutral Blade and Neutral Clip Lead
- ✓ Pronto for Windows Analysis Software
- ✓ 1 MB Memory and Bluetooth Capability
- ✓ 12 Volt Charger & Carrying Case
- ✓ 1 year warranty
- ✓ No cost lifetime upgrades for Software & Firmware

Quick Specs

Voltage Channels	5 (0-500 VAC)
Current Channels	2 (0-220A)
Recording Channels	16 Detailed
Sample Rate	3,840 Samples/sec
Memory	1 MB RAM
Communications	Bluetooth, Infrared, Remote
Power Requirements	50-525 VRMS (VI), 12Vdc (DC Charger)

Why you should consider a PM2000

- Records 16 Detail Channels simultaneously with single cycle resolution on changes, because of our Exclusive Patented **Single Cycle Adaptive Store**
- PM2000F-300BT version for socket class 320 (also compatible with socket class 200).
- Compliant to IEEE 1453 Flicker Specification. Only Ranger Loggers measure Instantaneous Flicker
- L1 to L2 is measured, not calculated
- Recording automatically starts after 1 minute of installation
- Pre-stored configurations for quick set-up

	PM7000	PM4000	PM3000HF	PM2000F	PM2000F-300	PM7000 FLM	PM7503
Voltage Channels	4 (0-600 VAC)	4 (0-600 VAC)	3 (0-525 VAC)	3 (0-300 VAC True RMS)	3 (0-300 VAC True RMS)	4 (0-600 VAC)	4 (0-600 VAC, 0-300 VDC)
Current Channels	4 (2 ranges- 6000A or 400.0A)	4 (2 ranges- 6000A or 400.0A)t	3 (2 ranges- 6000A or 400.0A)	2 (Two 0-220 Amp Rogowski Type Rigid Coil Sensors)	2 (Two 0-300 Amp Rogowski Type Rigid Coil Sensors)	4 (2 ranges- 6000A or 400.0A)	4 (0-1V RMS. Current to Voltage CT's supplied, nominal input 1A)
Detailed Recording Channels	32	32	16	16	16	32	32
General Parameters*1	✓					✓	✓
Sample Rate	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
Memory storage for recorded data	128MB	32MB	8MB, 16MB, 32MB	1MB	1MB	128MB	128MB
Expandable Memory with a memory Stick or Hard Drive	✓	✓				✓	✓
Flicker (Plt, Pst, Pinst, Pflag)	✓	✓	✓	✓	✓	✓	✓
Highest order of individual harmonics*2	50th (127th Optional)	50th	15th	N/A	N/A	50th (127th Optional)	50th (127th Optional)
Interharmonics	Optional					Optional	Optional
THD and THC	✓	✓	✓	✓	✓	✓	✓
kW	✓	✓	✓	✓	✓	✓	✓
KVA	✓	✓	✓	✓	✓	✓	✓
KVAR	✓	✓	✓	✓	✓	✓	✓
Power Factor	✓	✓	✓	✓	✓	✓	✓
Unbalance (V & I)	✓	✓	✓	✓	✓	✓	✓
Frequency 45-65Hz (can automatically detect 50 or 60Hz nominal)	✓	✓	✓	✓	✓	✓	✓
InRush Current	✓	✓	✓	✓	✓	✓	✓
K Factor	✓	✓				✓	✓
DC Measurement			Optional				✓
Symmetrical Components	✓	✓	✓			✓	✓
IEC6100-4-30	Measures to Class A or more accurate	Measures to Class A or more accurate	Class S			Measures to Class A or more accurate	Measures to Class A or more accurate

