

PA3000 Power Analyzers



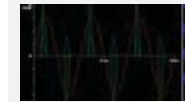
30-SECOND SELL

“Test the latest level VI efficiency standards using this highly accurate 1 MHz power analyzer.

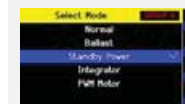
Whether you are testing AC-DC Power Supplies, LED Drivers, Home Appliances or Solar Inverters, you can be assured of robust and accurate efficiency or energy consumption measurements. The instrument also supports testing to standards such as EnergyStar, CEC and many others.”

PRODUCT HIGHLIGHTS

- 1 to 4 channels supports single- and three phase applications; Up to 600 V_{RMS} (2000Vpk) and 30 A_{RMS} direct input
- 10 mW standby power measurement
- 1 MHz bandwidth and harmonic analysis to 100th order
- ±0.04% basic voltage and current accuracy
- USB and LAN interfaces standard (GPIB option)
- Free PWRVIEW software



The PA3000's full color display provides intuitive readout of measured values. View measurements in full color graphical, tabular, or vector format.



Application specific test modes simplify test setup and analysis for Standby Power, Energy Integration, Ballasts, and Motor Drives.

MODEL	STOCK CODE	DESCRIPTION	BASIC ACCURACY (V & I)	VOLTAGE INPUT	CURRENT INPUT
PA3000 1CH	2529576	PA3000 Power Analyzer with 1 input module	± 0.04%	Up to 600 V _{RMS} (2000Vpk)	80µA to 30A
PA3000 2CH	2529577	PA3000 Power Analyzer with 2 input modules	± 0.04%	Up to 600 V _{RMS} (2000Vpk)	80µA to 30A
PA3000 3CH	2529578	PA3000 Power Analyzer with 3 input modules	± 0.04%	Up to 600 V _{RMS} (2000Vpk)	80µA to 30A
PA3000 4CH	2529579	PA3000 Power Analyzer with 4 input modules	± 0.04%	Up to 600 V _{RMS} (2000Vpk)	80µA to 30A

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RECOMMENDED ACCESSORIES

CT-60-S	Fixed-Core Current Transducer, High Accuracy, up to 60A
CT-200-S	Fixed-Core Current Transducer, High Accuracy, up to 200A
CT-400-S	Fixed-Core Current Transducer, High Accuracy, up to 400A
CT-1000-S	Fixed-Core Current Transducer, High Accuracy, up to 1000A (requires external power supply)
CT-100-M	Fixed-Core Current Transducer, Hall Effect, up to 100A
CT-200-M	Fixed-Core Current Transducer, Hall Effect, up to 200A
CT-500-M	Fixed-Core Current Transducer, Hall Effect, up to 500A
CT-1000-M	Fixed-Core Current Transducer, Hall Effect, up to 1000A
CL200	Current Clamp, 0.5A - 200A, for Tektronix Power Analyzers
CL1200	Current Clamp, 0.1A - 1000A, for Tektronix Power Analyzers
BALLAST-CT	Differential current transformer for lighting applications. 1A, 1MHz
BB1000-XX	Breakout Box simplifies connections to AC power cords. NA, EU and UK versions. 2460173
PA-LEADSET	Replacement Lead Set for Tektronix Power Analyzers (One Channel Lead Set)


RECOMMENDED SERVICE

PA3000 C3	Calibration Service 3 Years
PA3000 C5	Calibration Service 5 Years
PA3000 D1	Calibration Data Report
PA3000 D3	Calibration Data Report 3 Years (with Option C3)
PA3000 D5	Calibration Data Report 5 Years (with Option C5)
PA3000 G3	3 Year Gold Care Plan
PA3000 G5	5 Year Gold Care Plan
PA3000 R5	Standard Warranty Extended to 5 Years

SHIPS WITH PRODUCT

- Stackable Test Lead Set (1 set per input channel)
- Built-in +/- 15V power supply for external current transducers
- PWRVIEW PC Software for instrument control, data transfer, and offline analysis (download)
- Calibration Certificate
- User Manual and AC Power Cord
- 3-year Product Warranty

TOOLS FOR THE CUSTOMER

 Data Sheet

FOR MORE INFO VISIT TEK.COM/PA3000

3 Reasons to Buy this Product

- 1 Diverse Standard Support at a Breakthrough Price – Supported standards are Level VI Efficiency, Energy Star, CEC, IEC 62301, CQC-3146, and more.
- 2 Free accompanying PWRVIEW Software for extensive analysis that includes Standby Power, Harmonics and Efficiency Testing.
- 3 Best In Class Basic Accuracy of 0.04%.