

# The 5230 Series: Measure power and voltage together.

For sheer measurement capability, nothing tops our new 5230 series RF power meter/voltmeter. Building on the unparalleled performance of our 4230 series, the 5230 series is the only instrument that lets you make RF power and voltage measurements simultaneously, at power levels from -70 dBm to +44 dBm and voltage from 200  $\mu$ V to 300 V. So in the same time you currently measure power, the 5230 series measures both power and voltage. Combine this performance with dynamic range of 90 dB, a single-channel sampling rate of > 200 samples per second, and two-channel measurements of >100 samples per second, and you have the recipe for unparalleled throughput in production test.

## SENSOR AND PROBE CALIBRATION DATA DOWNLOADED AUTOMATICALLY.

The time-consuming process of changing sensors and reentering calibration data is a damper on production throughput. To combat this problem, our sensor data adapters store calibration data for an individual sensor in an EEPROM and download it as soon as the sensor is connected to the instrument. You'll never have to enter calibration data again. The 5230 series can also store calibration data for four sensors or probes in nonvolatile memory.

## IT COULDN'T BE EASIER.

Take a look at the 5230 series front panel, and you'll see we designed the 5230 series to make testing trouble free. Together, the bright backlit display and simple keypad make operation easy. And behind the scene, comprehensive software performs all of the functions that clutter up the front panels of lesser instruments. You press a key, the 5230 series does the rest.

There's far more to the 5230 series as well, including simultaneous display of two channels, each of which can be voltage or power. The 5230 series also fits into ATE systems with ease, thanks to standard IEEE-488 and optional RS-232 interfaces.

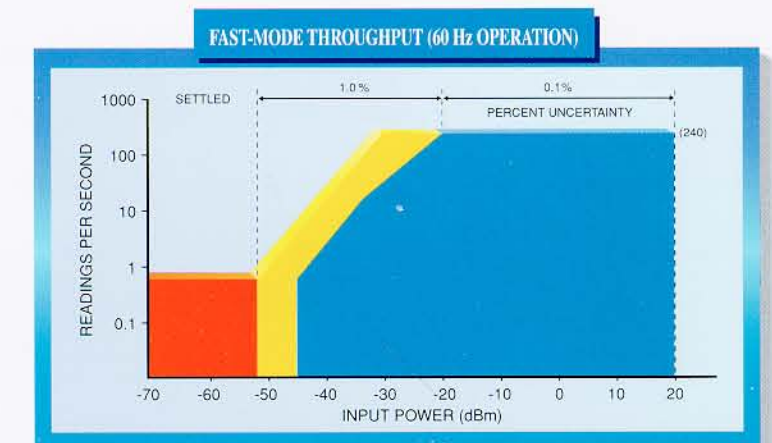


## YOUR EXISTING SENSORS AND PROBES WORK JUST FINE WITH THE 5230 SERIES.

The 5230 series is compatible with every Boonton diode, thermocouple, and waveguide power sensor or voltage probe you're likely to have. Any sensor or probe can be upgraded with a sensor data adapter to automatically download calibration data to the instrument.

LabVIEW® software drivers are available that let you combine the power of the 5230 series with the versatility of a PC, opening unlimited possibilities for data analysis and archival. In addition, LabVIEW smoothes the integration of the 5230 series with other instruments in a production ATE environment. Emulation of HP437, 438, 4220A and 4230A is standard.

Speed, accuracy, ease of use make the 5230 series the most exciting new RF power measurement system available...and your best investment for the future.



High-speed readings offer a new level of precision testing. With advanced digital signal processing and fast-response sensors, Boonton's 4230A and 5230 series provide > 200 readings per second over a 90-dB dynamic range for fast, accurate testing and increased manufacturing throughput.