

NEWS RELEASE

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September 15, 1998

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GIGA-TRONICS INTRODUCES A HAND-HELD POWER METER

**The New Instrument Combines a -60 to +20 dBm CW Power Meter and a
100 kHz to 2.6 GHz Frequency Counter in a Portable Package**

San Ramon, California – Giga-tronics announced today the introduction of the new Giga-tronics Hand-Held Power Meter that combines a CW power meter and a frequency counter in a portable package, according to Bob Geddes, Giga-tronics vice president of marketing and sales.

The Giga-tronics Hand-Held Power Meter performs CW power measurements over an 80 dB dynamic range, from -60 to +20 dBm, with ± 0.25 dB instrumentation plus calibration accuracy. The power meter incorporates a 100 kHz calibrator that automatically performs background calibration to correct the effects of temperature changes. This calibration method requires no calibration factors and no user input.

The Giga-tronics Hand-Held Power Meter also includes a 100 kHz to 2.6 GHz frequency counter with 0 dBm sensitivity, -5 dBm typical. Reference oscillator stability is ± 2.5 ppm, 0 to 55° C, ± 1.0 ppm per year standard with a high stability option of ± 1.0 ppm, 0 to 55° C, ± 1.0 ppm per year.

The sensor module is in the meter, and it can be replaced in a lab or in the field in less than a minute. The sensor module can be automatically calibrated using a cable loop-back technique. Measurement data can be downloaded to a PC using the RS 232 serial interface.

The compact package weighs less than 2 pounds and measures 3.75" (W) x 8.50" (H) x 1.75" (D) with a battery life of up to 8-hours. This makes the Giga-tronics Hand-Held Power Meter ideal for field test and bench top use.

Giga-tronics designs, manufactures and markets RF and microwave synthesizers, synthesized sweepers and power meters. Giga-tronics has an 18 year history of building test and measurement gear for the most demanding requirements, and the company has shipped thousands of test instruments to commercial and military customers for use in radar testing, electronic warfare, satellite and telecommunications systems. Giga-tronics is ISO-9001 qualified.