

MODEL 3030 - EXT

RF POWER METER

The PMR 3030 EXT Power Meter is a highly versatile instrument designed to cover communication bands ranging from 30-1000 MHz (Please note that the PMR 3030 is available for 30-500 MHz only). This powerful tool is capable of measuring both forward and reflected power within the range of a few milliwatts up to 500 Watts.

The internal operating system efficiently controls measurements, displays, and I/Os, allowing for serial communication with a PC, USB connectivity to a memory stick, and USB Serial communication. The I/O options not only facilitate writing plots to memory sticks or connected PCs but also enable operation of the instrument, allowing for commands and data retrieval. To ensure proper documentation, the instrument is equipped with a real-time clock, and intuitive multilayer menus simplify parameter setup and control.

The PMR Power Meter is designed to be compact, lightweight, and battery-operated, providing more than 5 hours of continuous operation on its internal NiMH cells. Additionally, it includes features for XML data handling and an application viewer.

Please note that the accessory kit (#3030-ACC), which includes a soft carrying bag, car charger, and coax adapters for standard types, is available upon request and is sold separately.

The 3030 - EXT RF Power Meter can:

- Forward Power
- Antenna and Cable VSWR
- Antenna and Cable Return Loss
- Measure forward power
- Measure reflected power
- Use in direct Sunlight
- Back light for dim areas
- Auto Power off
- Setup by Menu system
- Operate while charging



How can the Wide Band Directional Watt Meter do it:

- By Covering 30MHz to 1000MHz
- Power range 1 to 100W Forward
- Calculate VSWR
- Stored power versus frequency calibration
- High directivity measuring coupler
- High Dynamic range in manual mode
- Displaying 128x64 pixels
- Using Calibration stored in EEPROM
- USB Serial device interface Charge and Service
- Running 5 hours continuously on NiMH cells

What is your benefits:

- Fast and cost effective TX Power control
- Hand-held, light weight and rugged design
- Easy to operate
- Sunlight operation

Preliminary Specifications:

Power range: 1.5mW to 100 Watts (500 W Manual mode)
Frequency range: 30MHz to 1,000MHz
Reduced sensitivity from 20MHz to 1000MHz
Directivity: >30dB (30MHz to 500MHz)
Mainline VSWR: < 1.05:1
Counter resolution 100kHz auto , 1kHz long time

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