

MODEL 3030

RF POWER METER

The 3030 RF Power Meter represents a modernized version of the traditional Antenna Watt and VSWR instrument, designed to cover communication bands spanning from 30MHz to 500MHz. This versatile meter measures both forward and reflected power within the range of milliWatts up to 100Watts, making it a powerful tool for your needs. Additionally, it features a built-in frequency counter, which not only displays the transmit frequency but also automatically calls up the calibration table for the specific frequency.

For frequencies outside the counter's range, the instrument can be manually set, providing an even wider dynamic range. The 3030 RF Power Meter is also equipped to calculate VSWR or Return Loss, ensuring comprehensive functionality. Moreover, the menu allows users to select Peak mode and Hold mode as per their preferences.

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

The 3030 RF Power Meter can:

- Measure Antenna and Cable VSWR or Return Loss
- Measure forward and reflected power
- Used in direct Sunlight by Bright LCD screen
- Having Back light for use in dim areas
- Save Batteries by selectable Auto Power off
- Count the TX Frequency
- Peak and Hold modes
- Setup by Menu system
- Manual Frequency Mode
- Be charged from USB or supplied charger



How can the Wide Band Directional Watt Meter do it:

- By Covering 30MHz til 500MHz
- 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 500MHz
Reduced sensitivity from 20MHz to 1000MHz
Directivity: >30dB (30MHz to 500MHz)
Mainline VSWR: < 1.05:1
Counter resolution 100kHz auto , 1kHz long time

Rev. 10.2023



LBATECHNOLOGY®

3400 Tupper Dr. | Greenville, NC 27834 | 252-757-0279 | www.lbagroup.com

For More Information:

Contact us at
sales@lbagroup.com