

# MODEL 3030 RF POWER METER



The 3030 RF Power Meter is a modern version of the traditional Antenna Watt and VSWR instrument. The instrument cover communication bands from 30MHz to 500MHz. The 3030 RF Power Meter will measurement forward and reflected power in the range from milliWatts up to 100Watts. The instrument has a built in frequency counter. The counter will show the transmit frequency and will call the calibration table for the actual frequency. Outside the range of the counter the instrument can be set into manual mode giving a wider dynamic range. The 3030 RF Power Meter will calculate VSWR or Return Loss. The Menu can set the instrument into Peak mode and Hold mode. Accessory kit with soft or hard carrying bag, car charger and coax adapters for standard types are available.

#### 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 the Wide Band Directional Watt Meter works:

- 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 are the 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

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**TO ORDER NOW –**  
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