

PMR Power Meter RF Directional Power Meter

Type 3030

The 3030 RF Power Meter is a modern version of the traditional Antenna Watt and VSWR instrument.

The instrument covers communication bands from 30 MHz to 1000 MHz.

The 3030 RF Power Meter will measure forward and reflected power in the range from 100 mW up to 100 W.

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.

Features Peak mode and Hold mode.

Accessory kit with soft or hard carrying bag, car charger and coax adapters for standard types are available.



Text View:

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FWD 8.91 W
REV 6.41 mW
SWR 1.05:1
Frequency 144976 KHz
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Applications / Features:

- Fast RF Power measurements
- Handheld
- Lightweight
- Rugged design
- Cost effective
- Document the performance of your antenna
- Text display

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Functions:

- Simultaneously measure:
 - Forward, Reflected, SWR & Transmit frequency
- Transflective LCD screen, visible in direct sunlight
- Back light for use in dim areas
- Save battery life with 'Auto Power off' function
- Menu setup system
- Built-In frequency counter
- Automatic frequency calibration setting
- Measurement modes:
 - Normal, RMS, Peak & Peak Hold



Specifications:

- Frequency range: 30 MHz to 500 MHz
Option: 30 MHz to 1000 MHz
- Directivity: > 30 dB (30 MHz to 1000 MHz)
- Mainline VSWR: < 1.06:1
- VSWR range: 1:1 - 9:1
- Power range: 100 mW to 100 W
- Accuracy: up to 1 W: 15%
1 W to 50 W: 5%
50 W to 100 W: 10%
- Resolution: 10 mW
- Counter resolution: 100 kHz (Auto)
- Impedance: 50 Ω
- Connectors: 2 x "N" Female
USB Serial device (B type)
- Display resolution: 128x64 pixels
- Calibration storage: Internal
- Operating time: approx. 4 hours
- Operating temperature: 0° C to +50° C
- Storage temperature: -30° C to +50° C
- Size: 110 x 82 x 31 mm
- Weight: Approx. 500 grams
- Compliance: 89/336/EEC
92/31/EEC
93/68/EEC
EN 61000-6-4:2001
EN 61000-6-2:2005