

POWERMINI ThruLine RF Power Meter

Type 3030

The PowerMini is a modern version of the traditional Antenna Watt and VSWR instrument.

The instrument covers communication bands from 30 MHz to 1000 MHz, and any form of modulation, both digital and analog.

The PowerMini will measure forward and reflected power in the range from 100 mW up to 100 W.

Built in frequency counter with 2 levels of resolution. 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 PowerMini will calculate VSWR or Return Loss.

Features 6 different measurement modes.

Accessory kits available:

- Soft carrying bag, car charger and coax adapters
- Hard Pelican case, car charger and coax adapters



Text View:



Applications / Features:

- Fast RF Power measurements
- Handheld
- Lightweight
- Rugged design
- Cost effective
- Document the performance of your antenna
- Text display
- Modulation types:
Analog, Digital, TETRA, DMR, P25 Ph1+2

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Thruline RF Power Meter

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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 with 2 resolution levels
- Automatic frequency calibration setting
- Measurement modes:
Normal, Normal Hold
RMS, RMS Hold
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: Low Res Mode, 1 kHz (Auto)
High Res Mode, 10 Hz
- 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