

PowerMini Directional Power Meter

Type 3030



Telemeter Electronic

Product Introduction

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

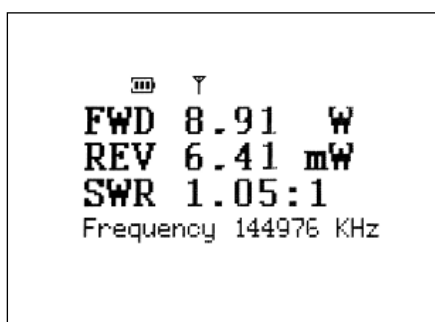
The instrument covers communication bands from 30 MHz to 1000 MHz, and any form of modulation, both digital and analog. The PowerMini will measure forward and reflected power in the range from 100 mW up to 100 W. Built in frequency counter with 2 levels of resolution. The counter will show the transmit 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

Applications/Features:

- Fast RF Power measurements
- Handheld
- Lightweight
- Rugged design
- Cost effective
- Installation performance measurement
- Text display
- Modulation types:
 - Analog
 - Digital
 - TETRA
 - DMR
 - P25 Ph1+2



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
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	128 x 64 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



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