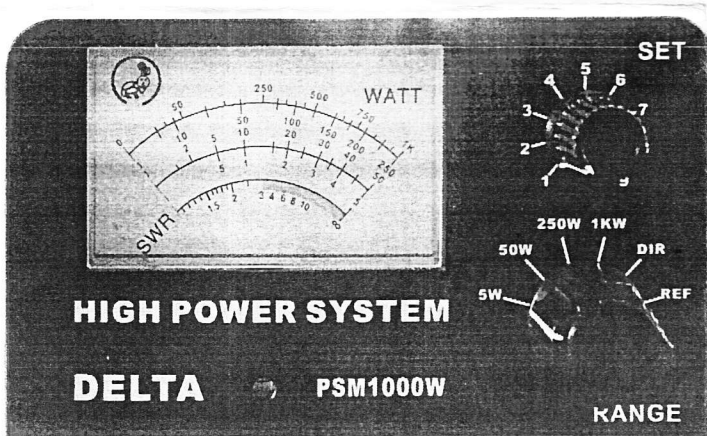


DELTA PSM1000W Instruction Manual

This PSM1000W is a high quality instrument for testing or calibrating your radio antenna in the frequency range of 24-38MHz. This instrument's technology can measure both SWR and output power through its LED backlit meter. When measuring power, an impedance of 50Ω should be connected with the output of this instrument.

Attention: Power measurement can only be conducted within the frequency range of 24-38 MHz.



Technical Specification:

Frequency Range: 24-38 MHz

Impedance: 50Ω

Type: Direct coupling in line

Loss: Approximates to zero, 0.05db

Panel Meter: Circular scale, 50μA,
Grade 1.5

Max. Measured Power: 1 KW PEP

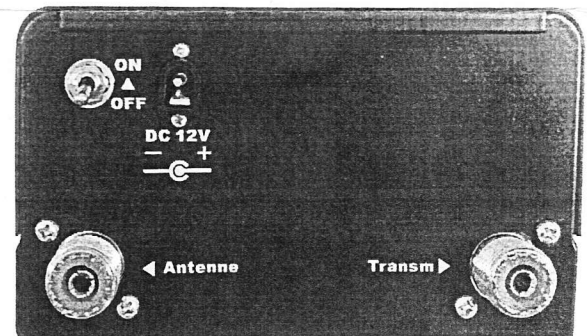
SWR Measuring Accuracy: ±5%

Power Measuring Accuracy: ±20%

Size: 80*165*120mm

Measurement of SWR

- Image on the right shows the back panel of this Instrument, CB radio should be connected to the socket on the right, and antenna to the socket on the left.
- Adjusting the knob "SET" on the top- right side of the front panel to 0, and then adjusting the knob "REF" on the lower side of front panel to "DIR".
- Activate CB radio, please press the PTT on the microphone.
- Turning the "SET" adjusting knob, until the pointer of this Instrument stops at the right-end of the scale.
- Adjust the knob "RANGE" to the "REF" position, the SWR number can now be read at the lower scale. If measured SWR number is larger than 3 please tune your antenna, or check the antenna system for faults.



Measurement of output power (WATTAGE) within the frequency range of 24-38 MHz

As mentioned on A); please connect this Instrument with CB radio & antenna, then adjust the "RANGE" knob to the desired wattage scale, key the radio so the output power can be read on the corresponding wattage scale.