

Part N^o 0301 VSWR & Power Meter

This instrument is a high frequency SWR & Power Meter, which can be used in fields of measuring amateur wireless communication as well as other measuring occasions within corresponding frequency bands. It can measure transmitted power, reflected power and SWR etc. when connected between transmitter and antenna.

It is convenient for observing the peak envelope power (PEP) by using the monitor when the instrument is in SSB operating mode.



Technical Specifications

Frequency Range 1.8 to 160 MHz 140 MHz ~ 525 MHz

Power Measurement

Maximum Power

(2) At FM, CW, FAX, RTTY

1.8 to 100 MHz: 100W 100 to 160 MHz: 70W

140 to 220 MHz: 150W 400 to 525 MHz: 100W

(2) In pulse state: 200W

At "5W" step, $\pm 10\%$

Accuracy (Full Scale) At "20W" step, $\pm 10\%$

At "200W" step, $\pm 10\%$

SWR Measurement

Minimum Power 1W 4W

Measuring Range 1.0 to infinity

Consumption

1.8 to 160 MHz not more than 0.2dB

140 to 525 MHz: not more than 0.3dB

Input / Output Jack 50W, 1 GL 1Bz - 50F

Function Forward power, Reflect power, SWR, PEP monitor

Size 150 mm (L) x 100mm (W) x 65mm (H)

Weight Approximately 720g

Calibration Service

Benelec offers a Calibration Service at our site for those who need annual (or other) cal, Order# **9550301**

Optional extras

10101 Patch lead 350mm UHFp-UHFp, enables 0301 meter to be inserted in-line between Tx & Antenna