

RF/ Microwave Power Meter MW-305



A microwave power meter will consist of a measuring head which contains the actual power sensing element connected via a cable to the meter, which reports the power reading. The head may also be referred to as a power sensor or mount. Different power sensors can be used for different frequencies or power levels.

RF Power Meter is portable for its light weight and measurable high frequency range of power from 0.01 - 12.4GHz accurately

Due to the small consumption power, it is measurable for a long time with battery only without AC Adapter. LCD display area will be lit when you use AC Adaptor. Input impedance is 50Ω it is measurable 3 range as 0 - .999mW, 0 - 9.99 mW, 0-99.9mW up to 100mW. Also it is convertible with dBm.

Specification

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|-----------------------------|---|
| Frequency Range | : 0.01 ~ 12.4GHz |
| Power Sensor | : Diode sensor |
| Display | : 8 Character × 1 Line LCD |
| Power Reading Ranges | : 0~99.9mW 3 ranges [XXX uW , X.XX mW , XX.X mW] |
| Max. Safe Input Power | : 200mW |
| Peak Power Rating | : 1W 1s |
| Input Impedance | : 50Ω |
| Input VSWR (max) | : 1.4 : 1 |
| Input Connector | : Type N Male |
| Response time | : 0.1s |
| Accuracy | : ± 2% |
| Frequency Flatness | : ± 0.5dB |
| Power | : 9V Alkaline battery |
| Operating Temperature range | : 0C - +40 C |
| Weight | : 0.75 Kg (Meter +Sensor+Cable) |
| Dimension | : Meter 70(w) x 45(h) x 140 (d)mm Sensor 30(w) x 25 (h) x 85 (d) mm |
| System Components | : Power Meter Power Sensor Sensor Connection Cable 9V Battery Carrying Case Operation manual |

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