

AVAIR Meters

SWR and Power

The range of AVAIR SWR and power meters are designed for testing and field tuning antenna operating in various ranges.

The AVAIR meters have a large clear meter screen for easy measurement reading. Average or PEP measurements can be accessed at the switch of a button.

All models are an insertion type RF wattmeter and can be permanently fitted into a transmission system for continuous monitoring. The meters can be operated without external power, however the in-built lamp requires 13.8 Volt DC power supply.

Specifications	AV-200	AV-400	AV-1000
Frequency Range	1.8-160MHz	140-525MHz	Band 1: 1.8-160MHz Band 2: 430-450MHz Band 3: 800-930MHz Band 4: 1240-1300MHz
Switchable Power Range	5, 20, 200 & 400 Watt Average or PEP	5, 20, 200 & 400 Watt Average or PEP	5, 20, 200 & 400 Watt Average or PEP (430-1300MHz, 200 & 400W only)
Precision	5 Watt: ±5% 20 Watt: ±7.5% 200 Watt: ±10% 400Watt: ±12.5%		
Minimum Input Power	0.5 Watts	0.5 Watts	0.5 Watts
SWR	1 ~ Infinity	1 ~ Infinity	1 ~ Infinity
Impedance	50 Ohms	50 Ohms	50 Ohms
Input Loss	0.2 dB	0.2dB	0.2 dB (1.8-160MHz) 0.3 dB (430-1300MHz)
Rear Connectors	2 x SO-239	2 x SO-239	2 x SO-239 (1.8-160MHz) 2 x N-type (430-1300MHz)
Dimensions (W x H x D)	150mm x 65mm x 100mm		
Weight	630grams	630grams	730grams

