

IC-002B

MULTI-RANGE RF WATTMETER

UP TO 1 GHz

SUPPORT FOR CW, AM, FM & TV MODULATIONS

EASY ZEROING

FIVE SETTINGS FOR POWER MEASUREMENTS

DURABLE ALUMINIUM SHOCK-PROOF DESIGN

IT CAN BE USED STANDING OR OVERTURNED



The PROMAX **IC-002B** directional wattmeter measures RF power and load match in 50 Ω coaxial transmission lines. It can be used with CW, AM, FM, and TV modulations, with pulse modulation being excluded.

Equipped with a special broadband element operating between 25 and 1000 MHz, it can measure up to 500 W (frequency dependent) and has a maximum VSWR of 1.07 using standard N connectors.

The portable **IC-002B** wattmeter comes with a convenient carrying strap. It is constructed of aluminum and its rear cover is easy to remove. Its rubber feet allow the meter to be used standing or overturned. Plus, its rugged design ensures long-lasting performance.

The RF circuit is engineered for maximum measurement accuracy of the transmission line under test.

SPECIFICATIONS	IC-002B
Frequency margin	From 25 to 1000 MHz
Power rating	500 W (25 to 800 MHz) / 150 W (800 to 1000 MHz)
Power range settings	5 / 15 / 50 / 150 / 500 W
Insertion VSWR (max.)	
UHF connector	1.08 (25 to 512 MHz) / 1.12 (512 to 1000 MHz)
N connector	1.05 (25 to 512 MHz) / 1.07 (512 to 1000 MHz)
Insertion loss (max.)	
UHF connector	0.1 dB (25 to 512 MHz) / 0.15 dB (512 to 1000 MHz)
N connector	0.1 dB (25 to 512 MHz) / 0.13 dB (512 to 1000 MHz)
Accuracy	
25 to 100 MHz	$\pm 7\%$ of full scale (with correction factor)
100 to 512 MHz	$\pm 6\%$ of full scale
512 to 1000 MHz	$\pm 7\%$ of full scale
Impedance	50 Ω , nominal
Connectors	N or UHF female connectors supplied
Operating position	Standing or overturned
Dimensions	92 (W.) x 175 mm (H.) x 102 (D.) mm
Weight	1.8 kg approx. with N connectors
Finish	Grey Powder Coat