

IC-002 MULTI-RANGE RF WATTMETER



The **IC-002** (81050) directional wattmeter is an accurate, portable, RF power meter using a Rotary Detection Component to measure Direct and Reflected Power in 5 selectable power ranges. Model 81050 includes "Quick Match" type connectors for greater versatility. The instrument is delivered with a carrying case containing compartments for loads and connectors.

You can use the new 81050 Directional Wattmeter to measure RF Power in coaxial cables and transmission lines of between 50 and 500 Ω without need of interchangeable detector components.

The modem contains a 4-1/2" instrument, "Quick Match" type RF connectors, a high-precision transmission line and a broad band detector component that enables power readings in any of the 5 selected ranges 5, 15, 50, 150, and 500 W and a frequency range of 25 to 1000 MHz.

SPECIFICATIONS	IC-002 (81050)
Power ranges	5, 15, 50, 150, 500 W, full scale (150 maximum from 800 to 1000 MHz)
Frequency range	From 25 to 1000 MHz
Correction accuracy From 25 to 100 MHz From 100 to 510 MHz From 510 to 1000 MHz	± 7 of full scale, using correction chart ± 6 of full scale, no correction required ± 7 of full scale, no correction required
Insertion loss From 25 to 512 MHz From 512 to 1000 MHz	0.10 dB max. 0.15 dB max.
VSWR From 25 to 510 MHz From 512 to 1000 MHz	1.08 max. 1.12 max.
Element	Broadband (from 25 to 1000 MHz, 500 W max.), rotatable for forward and reflected power measurements, non-removable
Dimensions	127 (W.) x 185 (H.) x 102 (D.) mm
Weight	1.8 kg
Connectors	"Quick Match" standard N female Type (BNC, UHF, TNC male or female optional)

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 04/19