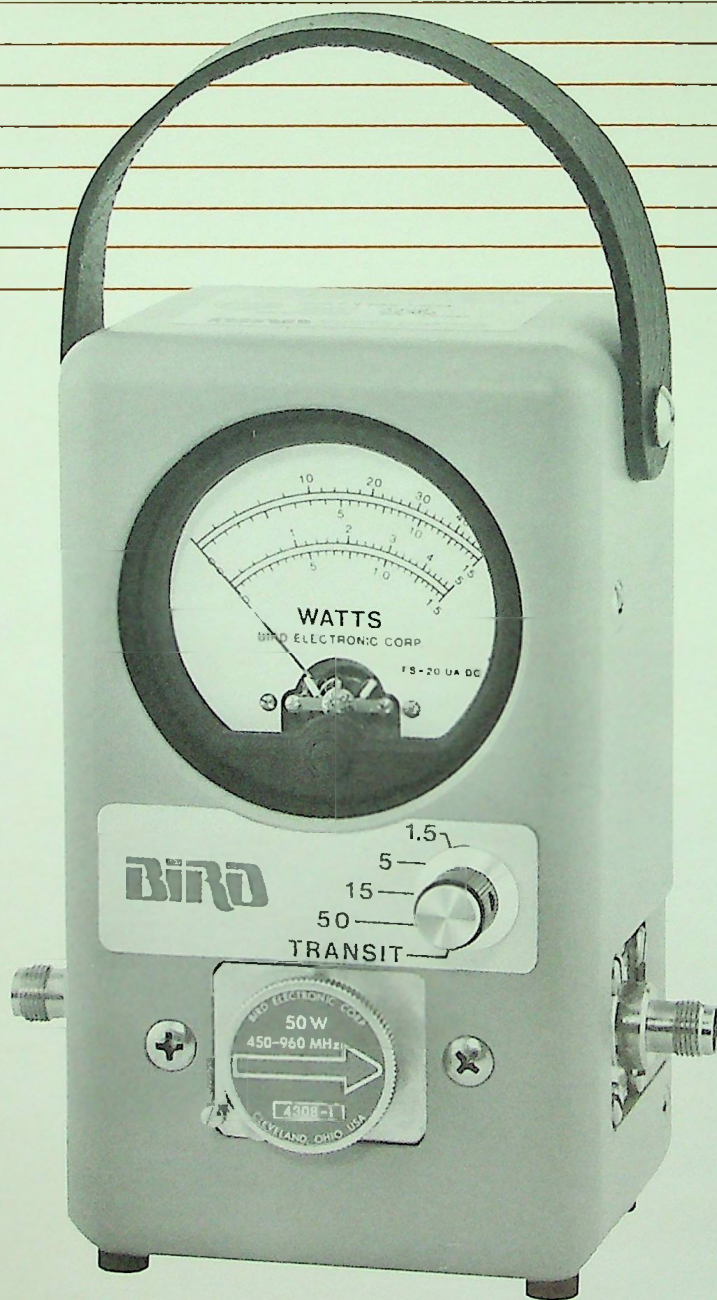


NEW!

CELLULAR THRULINE® RF Wattmeter

Model 4308



New Thruline® Cellular RF Wattmeter, Model 4308, lets you accurately measure the output of cellular transmission equipment by simply joining two connectors. Using only one RF element, this unit covers four switch-selectable power ranges of 1.5, 5, 15, and 50 Watts, in the frequency range of 450 to 960 MHz. Thus, not only is it great for measuring cellular systems, it can be used for low-to-medium power measurements in the UHF and 800-960 MHz bands.

The portable Model 4308 can be set up and operated quickly to provide accurate measurements of **hand held, mobile, and cell site equipment** RF output. Its ability to measure both forward and reflected power also gives you a measurement of antenna system performance.

Built to industrial instrumentation standards, the meter is packaged in a rugged die cast aluminum housing that protects it from careless handling.

Look at the other advantages of the Model 4308 that mean more value to you:

FEATURES

- Supplied with one broad-band, locked-in-place element, calibrated to the instrument
- No "off limits" on scale
- Line section same as in Bird Model 43
- TNC "QC" series female connectors standard
- Rubber mounts on bottom and back surfaces
- Uses standard Bird accessories, i.e., carrying case, etc.
- Available at Bird distributors

BENEFITS

- Eliminates expense of multiple frequency and power range elements; prevents loss of element
- Full scale repeatability
- Provides highest measurement accuracy with minimum insertion loss and greatest mechanical stability
- Most used cellular connector; interchangeable with all Bird QC connectors to meet field needs
- Use the instrument while it is standing up or lying on its back
- Saves you money
- Easy to buy — call us for your nearest distributor

Simple to Operate! Connect the fittings. Select the desired RF power range with the switch in the lower right corner of the Model 4308, then read the power directly on the indicator.

Accurate! New broad-band element is calibrated to the instrument. Power readings are accurate within $\pm 5\%$ of full scale readings.

Full-Scale Use! Entire length of the measurement scale is

usable. There are no "off-limits" at the scale bottom.

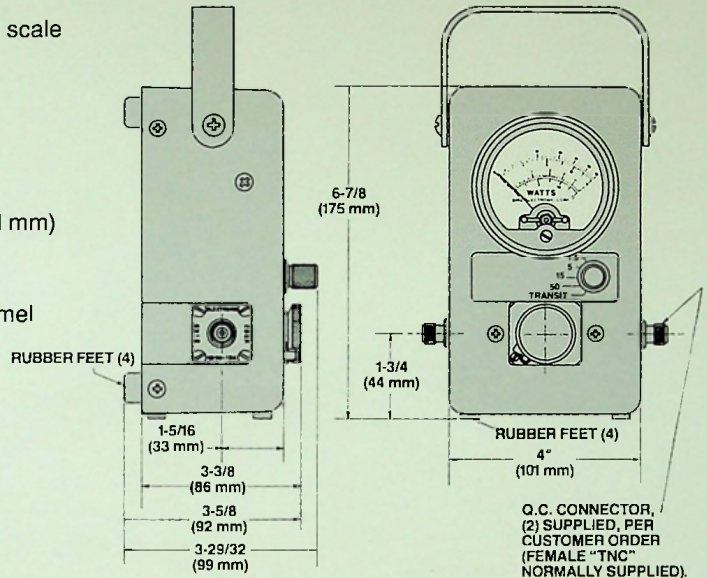
Proven Bird QC Series Connectors! Supplied with TNC connectors as standard on the Model 4308. These can be easily changed to mini-UHF, N, or any of the QC Series connectors.

Low Insertion Loss! Line section in the Model 4308 is the same as that in our lifetime-proven Model 43.

Specifications

Power Ranges	1.5, 5, 15, 50 Watts, with no scale limitations
Frequency Range	450-960 MHz
Impedance	50 ohms, nominal
Accuracy	$\pm 5\%$ of full scale
Insertion VSWR	1.05 with TNC connectors
Nominal Dimensions (including connectors)	6 ⁷ / ₈ " (175 mm) high, 4" (101 mm) wide, 3 ²⁹ / ₃₂ " (99 mm) deep
Weight	3 lb (1.36 kg), approximate
Case Finish	Light navy gray baked enamel (MIL E-15090)
Element	50 Watt max., broadband
Optional Carrying Case	CC-1

Dimensions hereon are for customer convenience and reference only. Tolerance to be applied only where individually stated on the respective dimension.



BIRD

Electronic Corporation

30303 Aurora Rd., Cleveland (Solon), Ohio 44139-2794

216-248-1200 TLX: 706898 Bird Elec UD FAX: 216-248-5426

WESTERN REGION OFFICE:

Bird Electronic Corp.

621 Ojai Ave., Suite F

P.O. Box 28, Ojai, CA 93023 805-646-7255