

Navtech Systems RF Devices

43

Bird's Famous General Purpose Thruline® Wattmeter

- Accurate CW field power measurement over 450 kHz to 2.7 GHz and 100 mW to 10 KW.
- Uses industry standard Bird elements with space to store 2 additional within the meter housing.
- Rugged metal housing for the most demanding environments.
- Quick Change (QC) connectors to minimize the need for adaptors when making critical measurements.



The Bird Model 43 THRULINE® Directional Wattmeter is a field-proven portable, insertion-type instrument designed to measure both forward and reflected CW power in coaxial transmission lines under any load condition. With a full-scale accuracy of $\pm 5\%$, it accurately measures RF power with low added VSWR and insertion loss. QC (quick change) type connectors and a full range of plug-in elements provide a wide choice of frequency ranges and power levels giving the Model 43 amazing flexibility. Two extra elements can be stored in the housing, one on each side. The Model 43 is easy to use and simple to service in the field.

[Element Tables](#) / [Product Support and Service](#)

Accessories:

[4300-400](#)

- Conversion Kit for Model 43 Wattmeter

[Quick Change Solderless Connectors](#) - QC-Type "Quick Change Solderless" RF Connectors

Support Tools:

[Declaration of Conformity](#)

[Operation Manual](#)

Product Specifications:

Accuracy:	$\pm 5\%$ of full scale
Connector:	QC Type (Female N normally supplied)
Finish:	Light gray powder coat
Frequency Range:	450 kHz to 2.7 GHz (depending on elements)
Insertion VSWR:	with N connectors 1.05 max. to 1000 MHz
Nominal Size:	6 7/8" H x 5 1/8" W x 3 5/8" D (175 x 130 x 92 mm)
Power Range:	100 mW to 10 kW using Bird Plug-In Elements
Weight:	3 lbs. (1.4 kg)



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