



MODEL 7100

- Lightweight, portable, hand-held design for go-anywhere testing.
- 10 MHz–2000 MHz range covers wireless, PCS, cellular, and mobile frequencies.
- CW (average) power: 0.1 mW to 500 mW.
- 3-1/2 digit readout – Liquid Crystal Display
- Full-scale display: 1.999 mW, 19.99 mW, 199.9 mW, 1999 mW.
- Rugged, high-impact case.
- Run/Hold mode
- Meter zero function

Model 7100 RF Power Meter

TEGAM's Model 7100 RF Power Meter answers the need for a lightweight, compact, cost-effective instrument for average-power RF measurements. The Model 7100 is a terminating digital wattmeter with an input impedance of 50 ohms. Power and frequency ranges of 2 mW to 500 mW and 10 MHz to 2000 MHz make the Model 7100 a perfect choice for numerous low-power RF test and troubleshooting applica-

tions in product development, repair, field service, and manufacturing, particularly wireless telecommunication:

- Wireless consumer product testing
- Cellular and PCS phone verification
- Two-way radio servicing
- Low-power RF amplifier testing



RF Power Meter

- CATV testing and troubleshooting
- Base station testing and troubleshooting
- RF and IF system testing

Everything about the Model 7100 is designed for rapid, simple operation. Its extreme ease-of-use lets you obtain measurements quickly, without external sensors and cabling. The large 3-1/2 digit liquid crystal display (LCD) provides easy-to-view readings in digital format. Four push buttons control power ON/OFF and all measurement functions. A convenient Hold/Run button freezes readings for later reference. The Meter Zero button instantly returns the display to 0 mW for one-touch zero adjustment. The Model 7100's high-impact plastic case is designed for rugged service, while its compact dimensions are ideal for pocket carrying and hand-held operation in the field or on the test bench. Power is supplied by two alkaline 9 V batteries.



YOUR GLOBAL SOURCE FOR TEST
AND MEASUREMENT SOLUTIONS

MODEL 7100

RF Power Meter Specifications

Frequency Range:	10 MHz to 2000 MHz
RF Input Power (full scale):	1.999 mW, 19.99 mW, 199.9 mW, 1999 mW
Accuracy:	±10% of full scale, 10 MHz to 1 GHz ±15% of full scale, 1 GHz to 2 GHz
Maximum input/Protection:	500 mW continuous input. 1 W for 10 seconds, maximum.
Input Connector:	Type N female; 50 Ω
Battery:	9 V x 2 ea.
Operating Temperature:	+10° to +40°C.
Storage Temperature:	-20° to +70°C.
Dimensions:	Width: 3.5 inches (89 mm) Height: 6.3 inches (160 mm) Depth: 1.8 inches (46 mm)
Weight:	2 lbs (900 gm)