

# 43P

## 450 kHz to 1.2 GHz, RF Wattmeter with Peak Reading Option

The 43P is a Model 43 Wattmeter with a Peak Reading Kit installed that allows true peak power output at  $\pm 8\%$  of full scale, 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 43P amazing flexibility. Two extra elements can be stored in the housing, one on each side. The 43P is easy to use and simple to service in the field.

### Features

- Accurate CW field power measurement over 450 kHz to 1.2 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 adapters when making critical measurements



43P

## product specifications:

**Item No**

43P

**Item Name**

General Purpose Wattmeter with Peak Reading Option

**Power Range**

100 mW to 10 kW using Bird® Plug-in Elements

**Frequency Range**

450 kHz to 1.2 GHz (depending on element)

**Accuracy**

CW Mode:  $\pm 5\%$  full scale, Peak mode:  $\pm 8\%$  full scale

**Modulation**

Normal voice audio; or (Peak Mode) Rectangular Pulses; Duty cycle: 2% (min);

Repetition rate: 100 pps (min); Pulse width: 200  $\mu$ s (min)

**Connectors**

QC Type (Female N normally supplied)

**Battery Life**

48 hours typical

**Finish**

Light Gray Power Coat

**Dimensions**

(H x W x D)

6.88 in x 5.13 in x 3.63 in

(175 mm x 130 mm x 92 mm)

**Weight**

4 lbs. (1.8 kg)