

Table 1. Specifications (cont)

CHARACTERISTIC	SPECIFICATION
FREQUENCY:	
Range	200 Hz to 1500 kHz with 50 Hz selectivity 400 Hz to 1500 kHz with 100 Hz selectivity 1000 Hz to 1500 kHz with 250 Hz selectivity 3 ranges
Accuracy	± 7 Hz or ± 20 ppm whichever is greater at 25° C
Temperature Stability	Less than 2 ppm/ $^{\circ}$ C drift
Resolution	0-30 kHz Range - 1 Hz 30-440 kHz Range - 10 Hz 440-1500 kHz Range - 10 Hz
Display	LED's 6 digits in units of kHz
LEVEL MEASUREMENT:	
Range	-100 dBm to +22 dBm 600-ohm voltage range, 7.75 μ V to 10 volts
Attenuator Range	-80 dB to +20 dB
Accuracy	± 1 dB (1 kHz to 1500 kHz Bridging)
SELECTIVITY:	
Monitor	2500 Hz nominal between -3 dB points 10,000 Hz maximum between -60 dB points or 3100 Hz nominal between -3 dB points 12,500 Hz maximum between -60 dB points
Measure	50 Hz nominal between -3 dB points 250 Hz maximum between -60 dB points or 100 Hz nominal between -3 dB points 400 Hz maximum between -60 dB points or 250 Hz nominal between -3 dB points 1200 Hz maximum between -60 dB points
TYPES OF DEMODULATION:	AM, USB, LSB

Table 1. Specifications (cont)

CHARACTERISTIC	SPECIFICATION
INPUT:	
Impedance	Selectable, 75, 135, 600 ohms, bridging (4000 ohms shunted by 50 pF at 250 kHz)
Configuration	Selectable, balanced or unbalanced Selectable, terminated or bridging
Maximum DC voltage	200 volts
SPURIOUS RESPONSE AND INTERMODULATION PRODUCTS:	Less than -55 dB from reference 5 kHz to 1.5 MHz
INTERMEDIATE FREQUENCY:	2215 kHz
IMAGE REJECTION:	Greater than 70 dB at 100 kHz
I-F REJECTION:	Greater than 70 dB
INTERNAL CALIBRATION SOURCE:	
Frequency	250 kHz nominal
Level accuracy	± 3 dB over operating temperature range
TEMPERATURE RANGE:	
Operating	-10° C to +55° C
Storage	-40° C to +85° C
POWER SUPPLY:	One internal rechargeable battery or 115 volts (230 volts optional) 50-60 Hz for ac operation and for charging battery.
Battery capacity	8 hours between charges. A discharged battery will recharge overnight.
AC Watts	15 watts with fully charged battery 26 watts with unit operating and battery discharged
MECHANICAL:	
Dimensions	8 in. high x 12 in. wide x 9 in. deep (203.2 mm high x 304.8 mm wide x 228.6 mm deep)
Weight	18.5 pounds (8.3 kg)