



Quest Technologies

## Quest Qc10 Calibrator

Pine Item #54653

### DESCRIPTION:

Quest models QC10- and QC20 are accurate electroacoustic calibrators that generate a stable acoustic signal at a controlled frequency and amplitude level. Their principal use is for a calibration accuracy check of sound level meters and noise dosimeters. Other acoustic analyzers, such as FFT or Real Time Spectrum analyzers, hearing aid test instruments, or other audio systems utilizing a microphone for input signals, may be calibrated with the QC-10 and QC-20.

### FEATURES:

- For Laboratory and field calibration
- Self-contained battery operated
- Accurate and stable rugged construction
- 1/2" microphone coupler various size snap-in adapters available.

**Contact a Pine branch near you to request a quote or place an order**

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## Product Specifications

<b>Standards</b>	ANSI S1.40-1984 and IEC 942: 1988
<b>Output Frequency:</b>	QC-10: 1000 Hz
<b>Output Amplitude:</b>	QC-10 114 dB
<b>Output Accuracy</b>	+/- 0.3 dB @ 20 degrees C 760mm Hg
<b>Distortion</b>	Less than 1% within temperature and humidity operating ranges.
<b>Electrical Output</b>	1 volt RMS sine wave +/-5% (0.4 dB). Output impedance= 1000 ohms. Phone jak (1/8") compatible with switchcraft 780 plug or equivalent.
<b>Temperature</b>	Operating range: -10 to +50 degrees C. 1KHz: within +/- 0.3 dB from +5 to 50 degrees C. Below +5 degrees C coefficient of SPL is 0.0 to 0.01
<b>Humidity</b>	Relative humidity 5 to 95% with less than 0.1 dB change in output (non-condensing).
<b>Effects due to external fields</b>	60Hz: No measureable effect up to 5 Oersted (1 Oe = 80 A/m). 400 Hz: No measurable effect up to 2 Oersted (Stated field strengths are magnet
<b>Power</b>	Battery operated 9 volt transistor battery. NEDA 1604 type. Projected battery life greater than 25 operating hours with intermittent use.
<b>Dimension</b>	US: 4.1 x 2.4" Metric: 104mm x 60mm
<b>Weight</b>	US: 0.77 lbs Metric: 0.35 kg



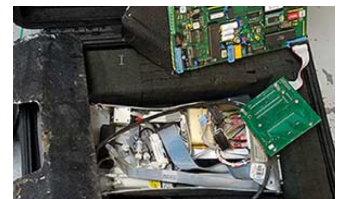
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan