### CASTLE GA600 CALIBRATOR SERIES

GA601: Single Level Calibrator (IEC 60942:2003 Class 2/C)

Most Measurement codes of practice and good practice demand that an independent



GA607: Dual Level Calibrator (IEC 60942:2003 Class 1/C)

acoustic calibration of any sound level meter should be made before and after a series of measurements and supplied with a ½" cavity.

## the Castle GA601 provides just that facility. It produces a calibration tone of 1000Hz at a level of 94dB re 20µPa at the microphone. It is





Similar to the GA601 in design, the GA607 meets the demanding standards of a class 1 calibrator. It features two calibration levels, 94dB and 104dB re 20µPa both at 1kHz. It is for use with 1/2" microphones. Using the GA607, a sound level meter can be checked at two meter scale points and usually on two ranges. Supplied with GA690 barometer (see spec below)



#### **Specifications**

General: Nominal Sound Pressure level at 101.3kPa (760mm Hg), 23° & 50%RH, Tolerance:

± 0.3dB, Harmonic Distortion: < 3%, Temperature range: -10°C to 50°C. Batteries: 2 x 3V CR2032 (Coin Cell) Life: approx. 70 hours. Cavity diameter: ½" microphone standard, Dimensions: Length: 140mm, Diameter: 51mm, Weight: 230gms

GA601: 94dB relative to 20µPa

Built to the requirements of IEC60942:2003 Sound Calibrators, Class 2/C.

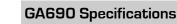
GA607: 94dB or 104dB relative to 20µPa

Built to the requirements of IEC60942:2003 Sound Calibrators, Class 1/C.

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#### GA690: Barometer For use with GA601 or GA607

IEC 60942 states that for a calibrator to be used in the Class 1 category, it must be corrected for barometric pressure. The Castle GA690 barometer is supplied with the GA607 Class 1/C calibrator for just this purpose. With a simple readout on the clear display and a correction table printed on the reverse, this is a simple process. Can also be purchased for use with the GA601



O to 1300mbar (O to 975mmHg) Measuring Range:

Resolution: 1mbar, 1mmHg

±0.25% FS hysteresis and linearity Accuracy: Battery: 9V Alkaline type 6LR61 (PP3) Battery life: Greater than 2500 hours Dimensions: 106 x 67 x 30mm (LxWxH)

Weight: 135g incl. battery



Supplied in Australia by Instrument Choice Call our scientists on 1300 737 871 www.instrumentchoice.com.au

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