

MC102

The MC102 is a 2-channel ICP power supply that provides a constant 4.0 mA current to ICP microphones and other ICP sensors. The output signals from the MC102 can be connected directly to other equipment or data acquisition systems via BNC connectors.

To reduce line noise and increase portability, the MC102 is battery powered and includes a built-in low battery indicator.



Specifications

ICP POWER MC102	
No. of Channels	2
Constant Current	4.0 mA
Battery	1x 9 V (PP3)
Low Battery Indicator	Yes
Input Connector	BNC
Output Connector	BNC
Battery Life	> 4 hrs
Dimensions (mm)	113 x 70 x 45



CA106

The CA106 Sound Level Calibrator is a pocket-sized, battery operated sound source for quick and direct calibration of sound level meters and other sound measuring systems.

The CA106 satisfies the IEC60942 Class 2 standard and fits all 1/2" and 1" diameter microphones.

The CA106 provides a continuous sound pressure level of 94.0 dB at 1 kHz allowing the same calibration value to be used for all weightings. After one minute running, the CA106 automatically turns off conserving battery power.

Specifications

CALIBRATOR CA106	
Standards	IEC 60942 (2003) Class 2
Calibration Level	94dB ± 0.4 dB at reference conditions
Calibration Frequency	1kHz ± 1.7%
Harmonic Distortion	< 2.5%
Environmental Influences (reference to standard conditions)	SPL < ± 0.4 dB; Freq < ± 1.7% Temperature 0 - 40 Humidity: 20 - 90 % Pressure: 65 - 108 kPa
Stabilization Time	30 s
Coupler Volume	> 150 cm ³
Battery	1 x 9 V (PP3)
Battery Life	Alkaline manganese is recommended and gives a battery life better than 24 hours
Dimensions	41 x 102 mm
Weight	287g (battery included)