



## “城堡”牌 噪音计(声级计) “CASTLE” Sound Level Meter

英国  
England

### GA 系列 噪音计 Sound Level Meter

- 数字显示
- 连原厂证书 (Manufacturer Certificate)
- 手提箱及防风球另购
- 最新 IEC61672-1: 2002 标准, 已包括 IEC60651: 2001 及 IEC60804: 2000 的功能



规格 Specification						
型号 Model	GA116L	GA216L	GA116I	GA216I	GA116B	GA216B
类别 Class / Type	1	2	1	2	1	2
国际标准 International Standard	IEC61672-1: 2002				IEC60651: 2001	
Lp (SPL)	✓	✓	✓	✓	✓	✓
Leq	✓	✓	✓	✓	---	---
L <sub>MAX</sub>	✓	✓	✓	✓	✓	✓
L <sub>MIN</sub>	✓	✓	---	---	---	---
P <sub>MAX</sub>	✓	✓	✓	✓	✓	✓
Ln's (Percentile)	✓	✓	---	---	---	---
L <sub>E</sub> (SEL)	✓	✓	---	---	---	---
%DOSE	✓	✓	✓	✓	---	---
Projected %DOSE	---	---	✓	✓	---	---
Lep'd (Lex)	✓	✓	✓	✓	---	---
%DOHR (DOSE/hour)	✓	✓	✓	✓	---	---
Pa <sup>2</sup> h	✓	✓	✓	✓	---	---
Exposure Calc	✓	✓	---	---	---	---
测量范围 Measuring Range	30~140dB		35~140dB			
测量模式 Weighting A, C, Z (Flat)	A, C, Z		A, C			
反应 Response	Fast, Slow, Impulse, Peak		Fast, Slow, Peak			
内置时钟 Real-time clock	✓	✓	---	---	---	---
数据记录 Data-logging	✓	✓	---	---	---	---
输出 Output	USB	USB	---	---	---	---

### 應用標準

#### Applicable Standards:

- **IEC 61672-1: 2002** (Integrating, Sound Exposure and Sound Level Meters)
- **IEC 60651: 2001** (Sound Level Meters)
- **IEC 60804:2000** (Integrating Function)
- **IEC 61252-1993** (Personal Sound Exposure Meters)

### 声级校准器 Acoustic Calibrator

#### GA601 单阶校准器 Single Level Calibrator

- IEC 60942: 2003 2 級
- 在 1 千赫兹发出 94 分贝(dB) 的电声级校准器
- 标准 1/2 英寸腔
- 连原厂证书 (Manufacturer Certificate)

#### GA607 双阶校准器 Dual Level Calibrator

- IEC 60942: 2003 1 級
- 在 1 千赫兹发出 94 分贝(dB) 及 104 分贝(dB)双阶的精准电声级校准器
- 标准 1/2 英寸腔
- 连原厂证书 (Manufacturer Certificate)





### dB Air (GA141) 噪音计 Sound Meter

- 首创云端数据传输及储存系统 Castle Cloud
- 大屏幕，无须设定，简单易用
- 设有多国语言显示，包括中文
- 数据以 CSV 格式输入计算机，方便打印
- 16GB 的庞大内存记忆体



### 规格 Specification

用途 Usage	Safety	Safety Octave (1/1)	Environment	Environment Octave (1/3)
型号 Model	<b>GA141S</b> (Class 1) <b>GA241S</b> (Class 2)	<b>GA141SO</b> (Class 1) <b>GA241SO</b> (Class 2)	<b>GA141E</b> (Class 1)	<b>GA141EO</b> (Class 1)
显示 Display	2.4" Full Colour TFT 240x320 pixels			
标准 Standards	IEC 61672-1:2013; IEC 61260-1:2014 (Where Octave Bands Fitted); IEC 61252: 1993 amendment 1:2000 (Where Exposure Fitted)			
测量范围 Measuring Range	Linear Operating Range: 95dB Class 1: 20~115dB (Low); 45~140dB (High) Class 2: 25~115dB (Low); 45~140dB (High)			
频率加权 Frequency Weightings	Measurement 1: A, C or Z Measurement 2: A, C or Z			
测量参数 Measuring Parameters	L <sub>SPL</sub> , L <sub>EQ</sub> , L <sub>MAX</sub> , Peak, L <sub>EPd</sub> , Exposure Points, Dose, Hearing Protector Calibrator	L <sub>SPL</sub> , L <sub>EQ</sub> , L <sub>MAX</sub> , Peak, L <sub>EPd</sub> , Exposure Points, Dose, Hearing Protector Calibrator; 1/1 or 1/3 Octaves: L <sub>SPL</sub> , L <sub>EQ</sub> , L <sub>MAX</sub> , Peak	L <sub>SPL</sub> , L <sub>E</sub> , L <sub>EQ</sub> , L <sub>MAX</sub> , Peak, L <sub>m3</sub> , L <sub>m5</sub> , L <sub>day</sub> , L <sub>n</sub> ight, L <sub>dn</sub> , L <sub>den</sub> , NA, 10 user-definable L <sub>n</sub> values (pre-set to: L1, L2, L5, L10, L50, L90, L95, L98, L99) plus LAF* for Noise act assessment	L <sub>SPL</sub> , L <sub>E</sub> , L <sub>EQ</sub> , L <sub>MAX</sub> , Peak, L <sub>m3</sub> , L <sub>m5</sub> , L <sub>day</sub> , L <sub>n</sub> ight, L <sub>dn</sub> , L <sub>den</sub> , NA, 10 user-definable L <sub>n</sub> values (pre-set to: L1, L2, L5, L10, L50, L90, L95, L98, L99) plus LAF* for Noise act assessment; 1/1 or 1/3 Octaves: L <sub>SPL</sub> , L <sub>E</sub> , L <sub>EQ</sub> , L <sub>MAX</sub> , L <sub>n</sub> 's, Peak
语言 Languages	English UK, English US, Chinese, French, German, Italian, Portuguese, Brazilian, Russian, Spanish			
内存 Memory	16GB			
输入 / 输出连接 Input/Output Connection	Micro USB Type B			
尺寸 / 重量 Size and Weight	210mm (H) x 70mm (W) x 30mm (D) 480g			
另购附件 Available Accessories	<b>GA607</b> Dual Level Calibrator <b>KA017</b> Kit Case for dB Air and Accessories (included) <b>KA022</b> Weatherproof Enclosure <b>PSU5</b> Power Supply <b>ZL1093-01</b> Microphone Extension Cable (1m) <b>ZL1061-01</b> AC Output Cable			

### GA2002 轻便袖珍型振动计 Pocket Vibration Meter



**GA2002**

适用于测试维修及打桩工程中的振动程度是否超越环境工作的界限。

- 加速率 Acceleration: 0.01 to 10g / 1 to 100g
- 速度 Velocity: 0.1 to 100mms-1 / 1 to 1000mms-1
- 位移 Displacement: 0.1 to 100μm / 10 to 1000μm
- 可储存校正资料及九个测量资料 Memory can hold calibration data plus storage of 9 spot results
- 显示 Display: 八位液晶显示屏幕 8 character LCD display
- 标准 Standards: BS6842 compliance with EMC CE Marking
- 校正可由按键启动及储存在内存内 Simple calibration offset accessed from the keypad and stored in the non-volatile memory
- GA2002 标准附件:
  - 1) KD1001 Basic Accelerometer
  - 2) ZL1094-M12 Accelerometer Cable
  - 3) KD1204 Magnetic Mount
  - 4) KD1206 Small Spike Probe
  - 5) KA013 Carrying case