



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

英国制造
Made in England

GA 系列 噪音计 Sound Level Meter

- 数字显示
- 连 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 _{MAX}	✓	✓	✓	✓	✓	✓
L _{MIN}	✓	✓	---	---	---	---
P _{MAX}	✓	✓	✓	✓	✓	✓
Ln's (Percentile)	✓	✓	---	---	---	---
L _E (SEL)	✓	✓	---	---	---	---
%DOSE	✓	✓	✓	✓	---	---
Projected %DOSE	---	---	✓	✓	---	---
Lep'd (Lex)	✓	✓	✓	✓	---	---
%DOHR (DOSE/hour)	✓	✓	✓	✓	---	---
Pa ² 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)

824 Smart Sensor 经济型噪音计 Economic Sound Level Meter

- 数字显示, 方便易用
- 连手提箱及防风球

规格 Specification	
测量范围 Measuring Range:	30-130dB
测量模式 Weighting :	A, C
反应 Response:	Fast, Slow



校准器 Acoustic Calibrator

GA601 单阶校准器

在 1 千赫兹发出 94 分贝的电声校准器, 标准 1/2 英寸腔, IEC942 2 级

GA607 双阶校准器

在 1 千赫兹发出 94 分贝及 104 分贝双阶的精准电声校准器, 标准 1/2 英寸腔, IEC942 1 级





“城堡”牌 噪音计、振动计 “CASTLE” Sound Level & Vibration Meter

英国制造
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GA131 Pro-DX VOCIS Sound Level Meter 精密噪音计/ 实时音频分析仪



GA131M

- 外壳是 Castle Pro-DX, 特别坚固及耐用
- 防水防尘设计
- 实时 1/1 八音度及 1/3 八音度分析
- 统计分析功能
- 瞬间音压 SPL, 均能音量 LEQ 显示
- RS232 界面, 可接驳电脑
- 可接驳打印机(另购)
- 可使用数据处理软件(另购)



型号 Model	GA131I	GA131E	GA131C	GA131M	GA131B
IEC 60651	Yes	Yes	Yes	Yes	Yes
IEC 60804	Yes	Yes	Yes	Yes	Yes
1/1 Octaves	Yes	No	Yes	Yes	Yes
1/3 Octaves	No	No	No	Yes	No
Percentiles (Lns)	NIL	7	7	7	No
Hearing Protection Database	Yes	No	Yes	Yes	No
测量范围 Range	20~140dB				
频率范围 Frequency Range	12.5Hz ~ 20kHz				
时间衡量 Time Weightings	慢、快、脉冲及峰值				慢、快
频率衡量 Frequency Weightings	A/C/Z				
输出 Output	AC、DC、RS-232				

GA2002 Pocket Vibration Meter 轻便袖珍型振动计



GA2002

适用于测试维修及打桩(打椿)工程中的振动程度是否超越环境工作的界限。

- Acceleration 加速度: 0.01 to 10g / 1 to 100g
- Velocity 速度: 0.1 to 100mms⁻¹ / 1 to 1000mms⁻¹
- Displacement 位移: 0.1 to 100μm / 10 to 1000μm
- Memory can hold calibration data plus storage of 9 spot results 可储存校正资料及九个测量资料
- Display 显示: 8 character LCD display 八位液晶体显示屏幕
- Standards 标准: BS6842 compliance with EMC CE Marking
- Simple calibration offset accessed from the keypad and stored in the non-volatile memory 校正可由按键启动及储存在内存内
- 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

GA2005 Vibration Meter with Data Logging for Industrial and Environmental Testing 储存式通用型工业及环境振动计



GA2005

适用于监察机械及高频轴承的运作状态, 测量建筑物及工作环境的振动程度。

- Frequency Range: 1Hz ~ 6.3KHz (see accelerometer frequency range)
- KD1003 Standard Accelerometer For Engineering Vibration (Single Axis) Sensitivity: 100mV/g, Range (F.S.) +/- 80g Frequency: 2~13000Hz +/- 5%
- Level Range (Engineering):
RMS range: 0.001 ~ 500 m/s²
Peak range: 0.02 ~ 700 m/s²
- Standards 标准: ISO8041:1990 type1, BS4675:1978, ISO2954:1975
- Detector: RMS, Rmq and Peak
- Units: ms⁻², cm/s², g, dB, mms⁻¹, um
- Measurement Parameter Arms, Amin, Amax, Aeq, Amp, PEAK, Velocity, Displacement
- Memory: 4MB on-board flash, 2MB available for data storage
- Standard Accessories
 1. KD1003 Standard Accelerometer
 2. ZL1097-FLEX Flexible Coil Accelerometer Cable
 3. KD1205 Large Spike Probe