

HS-620 HS-630 振動計



HS-630

- ◆ 100mV/g振動加速規
- ◆ 振動之位移, 速度, 加速度量測
- ◆ 符合ISO10816量測條件
- ◆ 內建ISO10816比對警示功能
- ◆ 軸承狀況分析BG & BV
- ◆ 軸承訊號擷取至12KHz
- ◆ 可依轉速提出軸承狀況優劣
- ◆ 軸承紅外線溫度量測(HS-630)
- ◆ 具高背光LCD顯示
- ◆ 高質感防滑主機外殼
- ◆ 掌上型, 體積小, 重量輕
- ◆ 內建充電電池, 可長時間操作
- ◆ 新設計, 巡檢更容易
- ◆ 省電設計自動關機

Guide for Vibration Severity Zone - ISO 10816-3

| | | | | | | | | | | |
|--|----------|-----------------|----------|---|----------|--------------------------------------|----------|--------------------|------------|---|
| | | | | | | | | 11 | 0.44 | Velocity 10-1000 Hz r-rms 2-1000 Hz r-rms |
| | | | | | | | | 7.1 | 0.28 | |
| | | | | | | | | 4.5 | 0.18 | |
| | | | | | | | | 3.5 | 0.11 | |
| | | | | | | | | 2.8 | 0.07 | |
| | | | | | | | | 2.3 | 0.04 | |
| | | | | | | | | 1.4 | 0.03 | |
| | | | | | | | | 0.71 | 0.02 | |
| | | | | | | | | mm/s rms | inch/s rms | |
| Group 4 | | Group 3 | | Group 2 | | Group 1 | | <<< Classification | | |
| | | | | | | | | 140 | 5.51 | Displacement 10-1000 Hz r-rms 2-1000 Hz r-rms |
| | | | | | | | | 113 | 4.45 | |
| | | | | | | | | 90 | 3.54 | |
| | | | | | | | | 71 | 2.80 | |
| | | | | | | | | 56 | 2.20 | |
| | | | | | | | | 45 | 1.77 | |
| | | | | | | | | 36 | 1.42 | |
| | | | | | | | | 28 | 1.10 | |
| | | | | | | | | 22 | 0.87 | |
| | | | | | | | | 18 | 0.71 | |
| | | | | | | | | 11 | 0.43 | |
| | | | | | | | | µm rms | mil rms | |
| rigid | flexible | rigid | flexible | rigid | flexible | rigid | flexible | <<< Foundation | | |
| Pumps > 15 kW radial, axial, mixed flow | | | | Medium sized machines 15 kW < P < 300 kW | | Large machines 300 kW < P < 50 MW | | <<< Machine Type | | |
| integrated driver | | external driver | | motors 160 mm < H < 315 mm | | motors 315 mm < H | | | | |
| Group 4 | | Group 3 | | Group 2 | | Group 1 | | <<< Classification | | |

A Newly commissioned
B No restriction for long-term operation

C Restricted for long-term operation
D Vibration and others causes damage

規格

量測性能

| | |
|----------------|---|
| 輸入訊號 | 100mV/g |
| 加速規型號 | HS-1001005401 |
| 量測範圍 | 加速度 0-20g Peak 速度 0-200mm/s RMS 位移 0-2000 μ m pk-pk 軸承狀況值 BG 0-20g RMS 軸承狀況值 BV 0-200mm/s RMS |
| 精度 | ±5% |
| 量測頻寬 | 加速度 5-12kHz 速度 10-1000Hz 位移 5-1000Hz 軸承狀況值BG & BV 1k-12kHz |
| 溫度量測(HS-630適用) | *自動提示量測狀況, 比對ISO10816及BG |
| 紅外線規格 | -20°C-120°C |
| 雷射規格 | D:S=8:1, 0-2米量測 |
| 精度 | 紅色, <1mW, 符合IEC 60825-1 |
| 顯示 | ±5% |
| Hold功能 | 具背光LCD螢幕 顯示是否符合ISO10816標準 |

主機

| | |
|------|---|
| 電源 | 內建3.6V@1700mAH鋰電池 |
| 操作時間 | 48小時 |
| 自動關機 | 3分鐘後 |
| 機體防護 | IP54 |
| 適用環境 | 操作-10°C-50°C, 儲存-20°C-60°C 加速規-20°C-90°C |
| 尺寸 | 主機115*70*25mm, 160gms含加速規200gms |
| 磁座吸力 | 22公斤 |
| 探針 | 70mm |

配件

| | |
|------------|----------|
| 量測主機*1 | 校驗書*1 |
| 加速規*1 | 中文操作手冊*1 |
| 訊號線0.8米長*1 | |
| 強力磁座*1 | |
| 量測探針*1 | |
| 110V充電器*1 | |
| 防護攜帶箱*1 | |

