

# 工作测振仪

HY-103B is a portable vibrometer of compact all-in-one structure with the sensor and device put together in a unique case. It is suitable to evaluating the working condition and diagnosing the fault of mechanical equipment. Beside the normal function of measuring the acceleration, velocity and displacement of vibration, it can also read the high frequency signal (1kHz~15kHz), and detect the trouble in bearing.

## Specification

• Magnitude & frequency range :

Acceleration:  $0.0 \text{ m/s}^2 \sim 199.9 \text{ m/s}^2$  (peak, 10Hz~5kHz)  
(peak, 1kHz~15kHz)

Velocity:  $0.0 \text{ mm/s} \sim 199.9 \text{ mm/s}$  (RMS, 10Hz~1kHz)

Displacement:  $0.000 \text{ mm} \sim 1.999 \text{ mm}$  (p-p, 10Hz~1kHz)



**传感器** 与仪器一体化的便携式仪器。适用于机械设备的状态监测与故障诊断。仪器除可测量机械振动的加速度、速度和位移外还有高频 (1kHz ~ 15kHz) 加速度测量档, 可用于轴承故障监测。

## 技术 参数

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|--|---------------------------------|
| • 测量范围: 加速度: $0.0 \text{ m/s}^2 \sim 199.9 \text{ m/s}^2$ (峰值) | • 频率范围: 加速度: 10Hz ~ 1000Hz (Lo) |
| 速度: $0.0 \text{ mm/s} \sim 199.9 \text{ mm/s}$ (有效值)           | 1kHz ~ 15kHz (Hi)               |
| 位移: $0.000 \text{ mm} \sim 1.999 \text{ mm}$ (峰峰值)             | 速度: 10Hz ~ 1000Hz               |
|  | 位移: 10Hz ~ 1000Hz               |