

# HS-620 Series

Compact, Portable Vibration Meter

PRODUCT DATA



## Features

- Portable
- Velocity & Bearing Condition
- Conforms to ISO 10816-3
- Re-chargeable Battery used with Mains or In-Car Charger
- Sensor/Cable Fault Indicator
- Display Hold Function

The NEW HS-620 portable Vibration Meter Kit has been designed for use as both an entry level and also a comprehensive vibration monitoring instrument for maintenance engineers across all types of industry.

The kit consists of the compact vibration meter, a hand held probe, a magnetic mount for more permanent installations, a protective carrying case, an instruction manual and battery chargers for both mains and in-car use.

The meter is microprocessor based and by selection of the controls can be easily set up to monitor acceleration (g) levels, velocity (mm/sec), displacement ( $\mu\text{m}$ ) and bearing condition (BG or BV). A display hold function is also included.

The unit, which conforms to ISO 10816-3 also has an automatic alarm check for bearing condition.

Operating from an internal re-chargeable Lithium battery, the meter offers 48 hours continuous operation. From flat, the unit can be recharged in 3 hours using either the mains or in-car charger supplied with the kit.

Because of its compact size, ease of use and battery operation, the HS-620 allows engineers to monitor vibration levels on important machinery anywhere around the factory.



# HS-620 Series Vibration Meter

## Specification

### Technical Performance

Input	100 mV/g constant current accelerometer
Accelerometer	Hand held, supplied with 0.8 M cable
Ranges	Acceleration ... 0-20 g Peak Velocity ... 0-200 mm/s RMS Displacement ... 0-2000 µm pk-pk Bearing Condition (BG) ... 0-20 g RMS Bearing Condition (BV) ... 0-200 mm/s RMS
Accuracy	± 5%
Frequency Range	Acceleration ... 5 Hz to 12 kHz Velocity ... 10 Hz to 1 kHz Displacement ... 5 Hz to 1 kHz Bearing Condition (BG & V) ... 1 kHz to 12 kHz
Display	Automatic Alarm Check for Bearing Condition LCD 128 x 64 mm
Hold Mode	Displays alarm status against ISO 10816-3

### Electrical

Power	Lithium rechargeable battery 3.6 Volts, 1700 mA hours 48 hours continuous operation Auto switch-off after 3 minutes
Battery Charge	3 hrs from flat, supplied with meter, charger & car charger

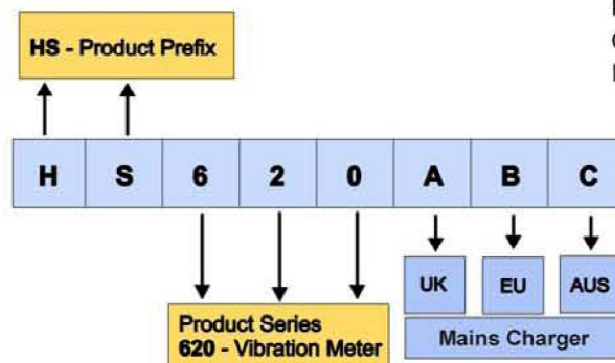
### Environmental

Temperature Range Meter	Operating ... -10 to 50°C Storage ... -20 to 60°C
Temperature Range (Accel)	-20 to 90°C
Hand Held Meter Sealing	IP54

### Mechanical

Case Material	Plastic
Dimensions	Meter ... 115 x 70 x 25 mm
Weight	Meter ... 160 gms Accelerometer (incl cable) ... 200 gms
Magnetic Base	22 kg pull strength
Spike	70 mm

## How to order



Kit includes Vibration Meter, Hand-held Probe, Cable, Magnetic Mount, Mains Charger, In-car Charger, Instruction Manual.

## HS-630 Series

Compact, Portable Vibration and Temperature Meter *Alternative model also available*

For more information contact the **apt** Group T. 1300700002 E. [info@aptgroup.com.au](mailto:info@aptgroup.com.au)