

## Compact, Portable Vibration Meter Kit HS-620

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.



- Portable
- Velocity and Bearing Condition
- Conforms to ISO 10816-3
- Re-chargeable Battery used with mains or In-car Charger
- Sensor/Cable Fault Indicator
- Reading Hold - Pointer Lock feature
- Complete with full range of adaptors
- Display Hold Function



# Compact, Portable Vibration Meter Kit HS-620

## General Specification

### Technical Performance

Input	100mV/g constant current accelerometer
Accelerometer	Hand held, supplied with 0.8M cable
Ranges	Acceleration ... 0-20g Peak Velocity ... 0-200mm/s RMS Displacement ... 0-2000 µm pk-pk Bearing Condition (BG) ... 0-20g RMS Bearing Condition (BV) ... 0-200 mm/s RMS
Accuracy	+/- 5%
Frequency Range	Acceleration ... 5 Hz to 12 kHz Velocity ... 5 Hz to 5 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 hours from flat, supplied with meter, charger and car

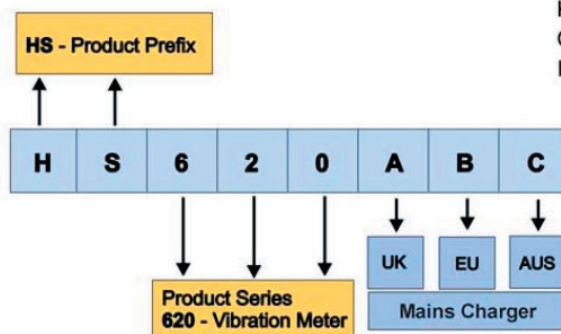
### Environmental

Temp. Range Meter	Operating ... -10 to 50°C Storage ... -20 to 60°C
Temp. Range (Accel)	-20 to 90°C

### Mechanical

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

## How to order



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

We reserve the right to alter the specification of this product without prior notice.

Ref: HS620-0809

