

HS-620 Series

Compact, Portable Vibration Meter



Features

- Portable
- Velocity & Bearing Condition
- Conforms to ISO 2954 & ISO 10816-3
- Re-chargeable Battery used with Mains or In-Car Charger
- Sensor/Cable Fault Indicator
- Display Hold Function
- Choice of Metric or Imperial Measurement

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 (μm) and bearing condition (BG or BV). A display hold function is also included.

The unit, which conforms to ISO 2954 and 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.



PRODUCT DATA

HS-620 Series Vibration Meter

Specification

Technical Performance

| | |
|----------------------------|--|
| Input Accelerometer Ranges | 100 mV/g constant current accelerometer Hand held, supplied with 0.8 M cable 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 Automatic Alarm Check for Bearing Condition |
| Display | LCD |
| Hold Mode | Displays alarm status against ISO 2954 & 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 |

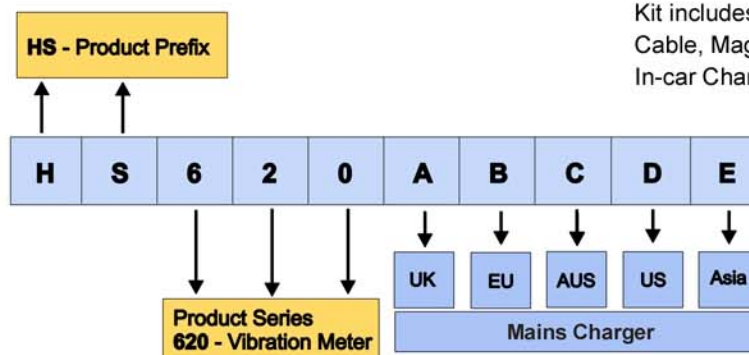
Environmental

| | |
|---------------------------|--|
| 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 | 12 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.

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

Ref: HS620-1110