

## VG SERIES



# VG 100/110/120 Vibration testers



**VG100**  
with integrated probe



**VG110**  
with external probe



**VG120**  
with temperature reading

## Features

- Basic compact analyser for predictive maintenance of machinery
- For checking of unbalance, misalignment, bearings and gears
- Integrated accelerometer (VG-100) or external accelerometer with cable and magnetic base (VG110/12)
- Low frequency mode Lo-RMS to test low vibrations
- High frequency mode to test average acceleration (Hi AVE) and single peak displacement (Hi PEAK)
- Temperature probes for contact temp and liquids (VG120)
- Large frequency range
- Battery power 9V

## Technical specifications

|                           |   |
|---------------------------|---|
| Standard                  | Conforms to ISO 2954, ISO 2372  |
| Accuracy                  | Vibration $\pm 5\%$ of display value ( $\pm 2$ digits)<br>Temperature: $\pm 1\%$ of display value ( $\pm 1$ digit) (only VG120) |
| Acceleration              | 0.0 to 19.99mm/s <sup>2</sup> (Hi AVE mode) (VG100)<br>0.1m/s <sup>2</sup> to 199.9m/s <sup>2</sup> (Hi AVE mode) (VG110)/120   |
| Probe vibration           | External accelerometer with magnetic base and cable (VG110/120)   |
| Probe temperature solid   | Test metal surface temperature to detect hitches maximum 400°C (VG120)  |
| Probe temperature liquids | Test liquids temperature maximum 400°C (VG120)  |
| Velocity                  | RMS 0.0 - 199.9mm/s (Lo RMS mode), RMS 0.001 - 19.99cm/s (Lo RMS mode) (VG110/120)  |
| Displacement              | Single peak value 0.0mm - 199.9mm (Hi PEAK mode) (VG100)<br>Single peak value 0.001mm - 1.999mm (Hi PEAK mode) (VG110/120)      |
| Frequency range           | 10Hz - 1 kHz (Lo), 1 kHz - 10 kHz (Hi)  |
| Display                   | LCD, test value in 3.5 large digits   |
| Power supply              | One 9V battery (20 hours continuous use)  |
| Dimensions                | 185mm x 90mm x 34mm   |
| Weight                    | 260gr or 300gr incl. battery  |

## Standard delivery

- Instrument
- Integrated probe (VG100) or external probe with magnetic base and cable (VG110/120)
- Nose temperature probe for solid material up to 400°C (VG120)
- Nose temperature probe for liquids up to 400°C (VG120)
- 9V battery
- Protective carrying case
- Manual
- INNOVATEST® certificate

## Order details

- VG100** Vibration tester with integrated probe  
**VG110** Vibration tester with external probe  
**VG120** Vibration tester with external probe for temperature reading

Nose temperature probe for solid material up to 400°C (only VG120)



Nose temperature probe for liquids up to 400°C (only VG120)



Kapcsolat, bővebb információ:



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Changes in products and/or product specifications can emerge due to new technologies and continuous development.

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