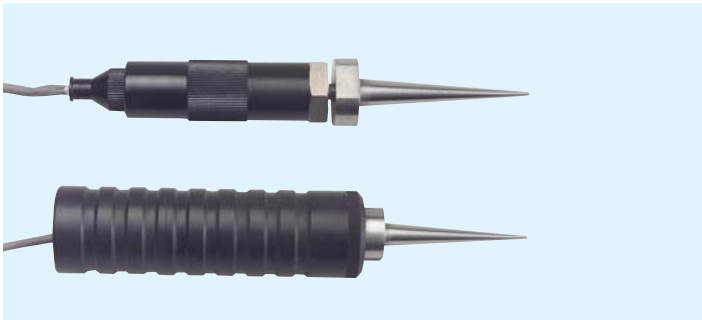


# VIBRATION ANALYSER TV-300™

Portable analyser with multi-function display

- Compact state-of-the-art analyser for predictive maintenance of production machinery
- For checking of unbalance, misalignment, bearings and gears
- Analyses acceleration, velocity, displacement, rotation speed, frequency
- Three methods of display;
  - SPECIAL mode shows peak acceleration, velocity in RMS and displacement in peak-to-peak simultaneously
  - COMMON mode shows only one of the above options but on extra large display for easy reading
  - SPECTRUM mode shows spectrum
- Status bar on display with warning and alarm limits
- LCD with back-light function
- Auto analysis of max. value in spectrum
- RS-232 output to printer TA-220 or PC (optional software)



## Technical specifications

Measurement range	
Acceleration	0.1m/s <sup>2</sup> - 392 m/s <sup>2</sup> Frequency range 10-200Hz, 10-500Hz, 10Hz-1KHz, 10Hz-10KHz
Velocity	0.01 cm/s - 80 cm/s Frequency range 10Hz to 1 KHz
Displacement	0.001mm -18.1mm (peak to peak) Frequency range 10Hz to 500Hz
Display	LCD with back-light and adjustable contrast
Accelerometer probe	External piëzo-electric accelerometer with magnetic base
Accuracy	≤ ±5%
Data output	RS-232, to printer all test data or to PC
Memory	25 points, each 62 data, one spectrum
Power supply	Li-ion rechargeable batteries Battery charge control
Battery capacity	20 hours continuously
Operating temperature	0°C to 40°C
Dimensions	171mm x 78mm x 28mm
Weight	230gr

## Standard delivery

- Main unit
- Accelerometer probe
- Magnetic base
- Needle probe tip
- Li-ion battery
- Battery charger
- Manual
- Certificate
- Protective carrying case

## Optional accessories

- Printer TA-220 and cable
- Data management software Dataview TV-300

