



ROCTEST

MB - 3TL - VW Readout Unit



**HIGH ACCURACY
USER FRIENDLY READOUT UNIT
IDEAL FOR HARSH ENVIRONMENTS**

The MB-3TL is a user-friendly readout that provides fast readings for all pluck-type vibrating wire sensors on the market.

Description

The **MB-3TL** is a user-friendly readout that provides fast readings for all pluck-type vibrating wire sensors on the market. Its LCD display shows direct frequency readings (Hz or Hz²) and gauge temperature (including thermistor or RTD).

In addition, battery voltage is displayed every time the readout unit is powered on.

The unit is ready to be used in the field, even in harsh environments, thanks to its splashproof case, sealed front panel and connector.

In addition to the above features, the MB-3TL offers datalogging functions. Its non-volatile memory can store over 8,000 data sets and a sensor ID may be specified when the reading is saved.

Very easy to use: the operator simply connects the sensor to the readout, selects a sweep and records a reading by the click of a button. No calibration factors to load, so it is always ready to use.

The **MB-3TL** is supplied with a PC compatible software. This software allows easy transfer of data and configurations, editing and logging in formats compatible with programs such as Word™ and/or Excel™.

Key Features

- High accuracy and reliability
- Usable in harsh environments
- LCD display
- 2 x battery type "D"
- Stores over 8,000 data sets
- Data sets and configuration easily transferred to/edited on a computer
- Internal software in user-upgradable flash ROM through RS-232 serial link

Applications

- The MB-3TL is a user-friendly readout that provides fast readings for all pluck-type vibrating wire sensors on the market.

Specifications

Display	Liquid crystal, 2 lines, 20 characters
Memory	8,000 data sets
Communication	RS-232
Accuracy	± 0.02% of Hz reading
Range	Vibrating wire: 450 to 6,000 Hz
Temperature measurement	-20 to 120°C (3kΩ thermistor)
Excitation mode	Square wave
Displayed resolution	0.01% of F.S.
Battery	2 x type "D" cells
Battery life (typical)	60 hours at 20°C
Dimensions	23.5 x 19 x 10.8 cm
Weight	1.8 kg

Ordering information

- The unit includes jumper cable Canon to alligator clip, RS-232 cable and software.

Optional accessories

- Nylon carrying case
- USB RS-232 adaptor