

TELLUS



The perfect equipment for your requirements in vibration measurement

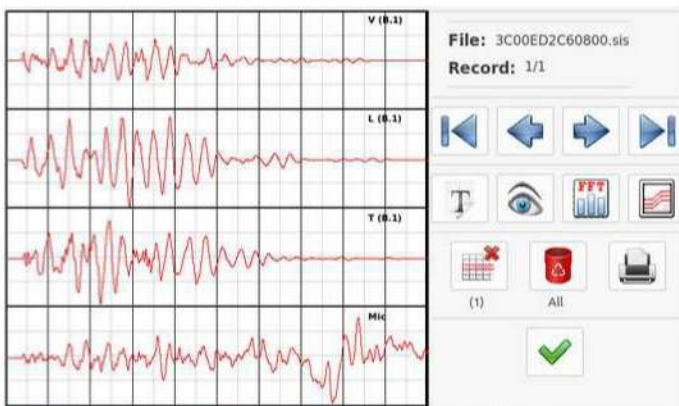
7" TFT graphic screen with touch panel.

The visual interface with the touch panel is friendly and intuitive, allowing the graphic visualization of the record, even the FFT.

A 8 keys membrane keyboard is included, working together with the touch panel.

The powerful configuration options allow you a perfect control over the vibration recording.

Up to seven channels plus seven 'virtual channels'. Multiple transducers configuration is allowed.



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The standard equipment measures in velocity with geophones, but other transducers and magnitudes like acceleration, pressure and voltage can be measured.

One channel for low frequency sound pressure.

FFT performed in the equipment itself.

Several ways to transfer the captured data, like USB disks, network and remote access from the Internet.

	Maximum	Frequency
V (B.1)	3.62 mm/s	22 Hz
L (B.1)	7.51 mm/s	19 Hz
T (B.1)	7.36 mm/s	17 Hz
Mic	7.30 Pa / 111.2 dB	3 Hz
Vsum 1	8.27mm/s	t = 556 ms
2021/01/15 - 12:24:40 (2 s) P1		

File: 3C00ED2C60800.sis
Record: 1/1

Navigation icons: Home, Back, Forward, Exit

Function icons: Text, Eye, FFT, Print

Additional icons: Grid, USB, Printer

(1) All

Green checkmark icon

Frequency response:
2-250 Hz
1-315 Hz

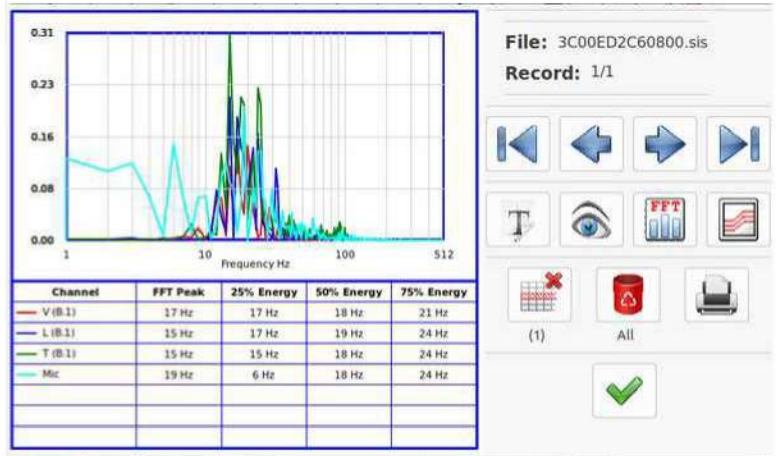
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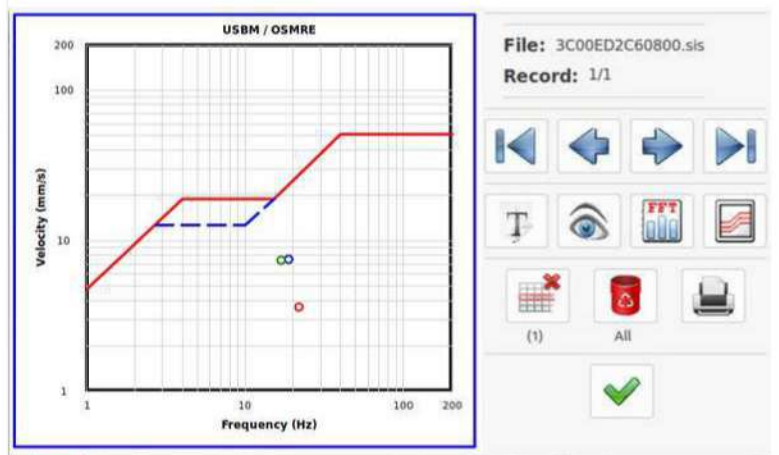
The GPS module provides the position and synchronizes the clock of all the working equipment for a precise timing analysis.



The communication module allows the remote access and unattended operation of the equipment.



The FFT is performed in the own equipment. The results are given in real time.



The Standard compliance can be easily checked in the own equipment screen.

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The communication module allows the remote operation from everywhere

- LAN (RJ45) cable and internal modem connection.
- Wi-Fi wireless connection.
- User friendly WEB server to control the equipment.
- FTP server for a fast download.
- FTP and SFTP data upload.
- Download pdf reports directly from the WEB interface.
- Send an e-mail when the programmable alert levels are exceeded.
- Configure different email addresses with different alarm levels.
- Attach a pdf report to the emails.
- The WEB and FTP servers are in the equipment itself. No need to depend on the manufacturer.
- Power supply and environmental conditions are motorized by the equipment.

Menu:

- Show equipment status
- Show configuration
- Change configuration
- Real time data
- Recording control
- Show data
- Download data
- Delete records
- Security

Equipment status

Serial Number: TE0900	
Capture status: Equipment is recording in bargraph mode	
Records stored: 0 Loggers files: 1	
Memory free: 16.61 GB	
DC Power supply: 11.7 V Equipment temperature: 29 °C (Working range: -15 °C to +65 °C)	
Date & Time: Tuesday, February/02/2021 - 23:50:27 Time zone: Europe/Madrid (CET, +0100)	
Date of calibration: Sep-25-2020	
Location: Longitude: -8.525824 Latitude: 42.367144 	

REAL TIME DATA

Channel	Current values	Maximum values
Channel 1. Geophone (2-250 Hz) (Vertical)	0.04 mm/s (79 Hz)	3.93 mm/s (256 Hz)
Channel 2. Geophone (2-250 Hz) (Longitude)	0.03 mm/s (28 Hz)	0.07 mm/s (3 Hz)
Channel 3. Geophone (2-250 Hz) (Transverse)	0.03 mm/s (57 Hz)	0.08 mm/s (2 Hz)
Channel 7. Microphone (dBL)	0.08 Pa / <80 dB (341 Hz)	0.13 Pa / <80 dB (38 Hz)
PVS Block 1	0.07 mm/s	3.93 mm/s
Last trigger at: 02:10:10		
Return to VibraWEB main page		

GAIA

Equipment with a rough design for all environmental conditions

Strong aluminum case.

High contrast illuminated LCD screen for a perfect view under all light conditions.

Specially designed for construction work and blasting monitoring.

One 3-Axis block of geophones.
One Microphone for air-pressure (optional).

The captured data is transferred to an SD card.



Very easy to use. Recommended for users that don't need advanced options in vibration measurement.

This equipment inherits the power of the Digital Signal Processing of its big brother Vibracord Tellus, for an extremely accurate vibration recording.

Frequency response:

2-250 Hz

1-315 Hz