



# Vibraquipo

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# Vibracord FX

*Vibracord*

**Authorised Distributor in INDIA:**

VIBROTECH TRAINERS & CONSULTANTS PVT LTD.,

(An ISO 9001:2008, ISO 45001:2018 Certified Company)

B2B, BBCL Sukhin, H - 29/30, South Avenue, Kamaraj Nagar, Thiruvanniyur, Chennai -600041, INDIA

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Web site: [www.vibrotechchennai.com](http://www.vibrotechchennai.com) / [www.vibrationconsultancy.com](http://www.vibrationconsultancy.com)

The perfect equipment for your requirements in vibration measurement

# Vibracord FX

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

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

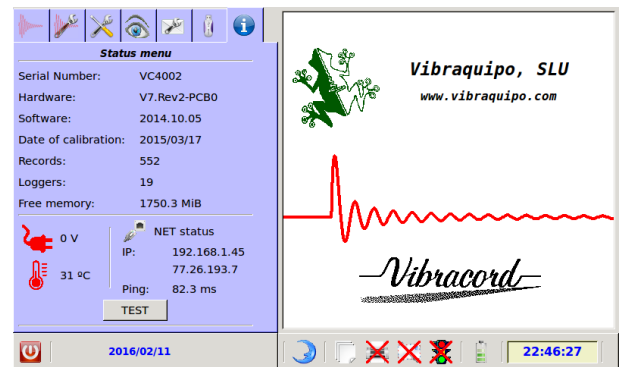
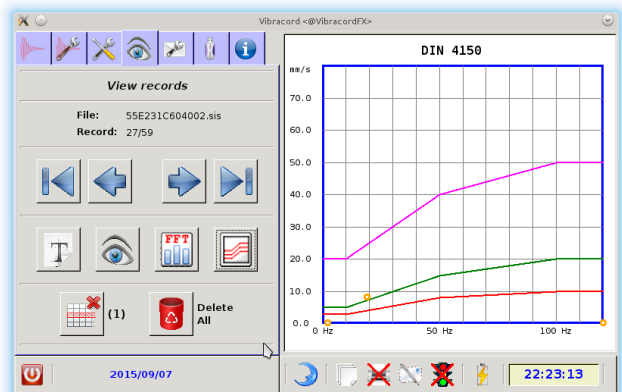
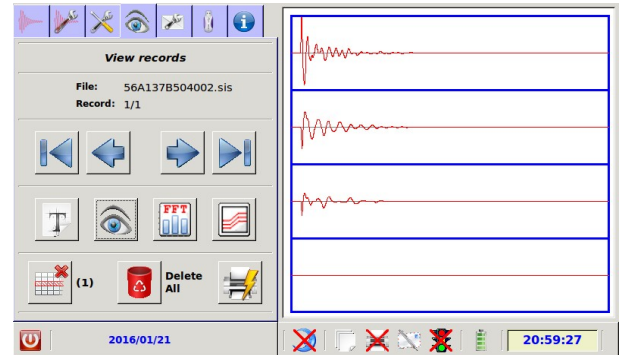
The powerful configuration options allow you a perfect control over the vibration recording

Up to seven channels. Multiple transducers configuration is allowed. The standard equipment measures in velocity with geophones, but other transducers and magnitudes, like acceleration, pressure, voltage can also be measured

One channel for low frequency sound pressure

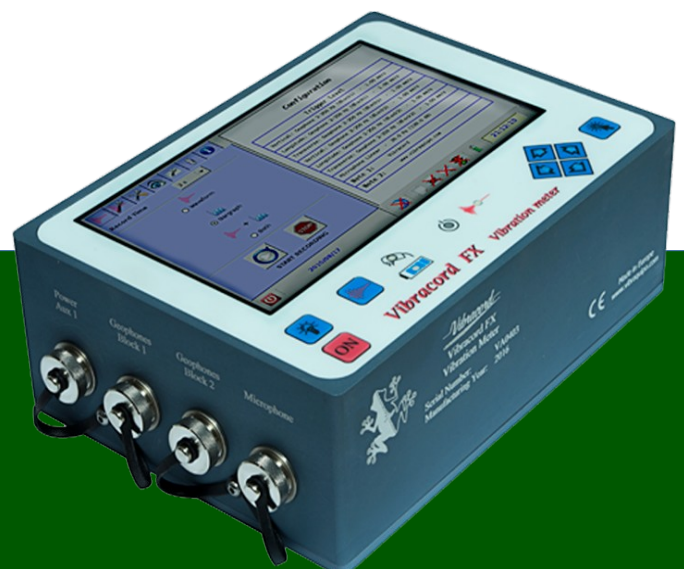
FFT performed in the equipment itself

Several ways to transfer the captured data, like USB disks, SD cards, USB cable and remote access from the Internet



Frequency response:  
2- 250 Hz  
1- 315 Hz

Vibracord FX in aluminum case



The communication options allow the remote operation from everywhere

# Vibracord FX

- LAN (RJ45) cable connection
- Wi-Fi wireless connection
- User friendly WEB server to control the equipment
- FTP server for a fast download
- Download pdf reports directly from the WEB interface
- Send an e-mail when the programmable alert levels are exceeded
- Different e-mails addresses with different alarm levels are allowed
- Attach a pdf report with the mails
- The WEB and FTP servers are in the equipment itself. You needn't depend on the manufacturer!
- Router for data transfer over mobile net is available
- Power supply and environmental conditions are motorized by the equipment
- An ISO-17025 accredited certificate of calibration is provided with the equipment

The screenshot displays the Vibracord WEB Interface in a Mozilla Firefox browser. The interface is divided into two main sections: 'Equipment status' and 'Show records'.

**Equipment status:**

- Serial Number:** VC4002
- Capture status: Equipment is recording (Bargraph mode)
- Records stored: 577
- Loggers files: 38
- Memory free: 1.70 GB
- Battery level: 48 %
- Equipment temperature: 29 °C (Working range: -15 °C to +65 °C)
- CPU temperature: 56 °C (Working range: 0 °C to +90 °C)
- Date & Time: Feb-28-2016 19:22  
(Note: the equipment timezone is: Europe/Berlin)
- Date of calibration: Mar-17-2015

**Show records:**

- Filtering: 28-02-2016 19:23:12
- Do not apply filter (all the records will be shown)
- Apply filter (only the records of the selected date will be shown)
- Click on the icon for apply / restore filter
- Record ID: 386D43AC4002M.sis - Jan-01-2000 01:00:44
- Channel 1 (Vertical): 11.61 mm/s (43 Hz)
- Channel 2 (Longitude): 0.12 mm/s (4 Hz)
- Channel 3 (Transverse): 0.12 mm/s (146 Hz)
- Channel 4 (Vertical): 0.11 mm/s (11 Hz)
- Channel 5 (Longitude): 0.11 mm/s (60 Hz)
- Channel 6 (Transverse): 0.12 mm/s (146 Hz)
- Channel 7 ( ): 0.42 Pa (54 Hz)
- Frequency calculation method: Zero crossing



Vibracord FX in plastic case  
For extreme environmental conditions

**The analysis program is included with all the equipment**

# *Software*

**Advanced analysis software designed for productivity and complete printed reports**

**Same software for all the models. Manage the record in the same interface**

**Manage your records with a summary in a grid, select them and print the full report with only one click**

**Analyze the waveform, timing, amplitude, values...**

**Perform the FFT in the desired part of the record**

**Apply mathematical functions to the records, like filters, integration, derivative and RMS**

**Select the Norm to use and include it in the reports**

**Regression analysis module included. Calculate the distance - charge model with the data from the previous records**

**Include your company name and logo in the printed reports**

**Free upgrades!**

## *REPORTS*

It is possible to generate the following printed reports:

- Data summary
- Logger
- Text summary
- Graphic summary
- Detailed wave
- FFT
- Filter
- Derivative
- Integration
- RMS
- Norm

## *LANGUAGES*

- English
- Spanish
- French
- German
- Portuguese

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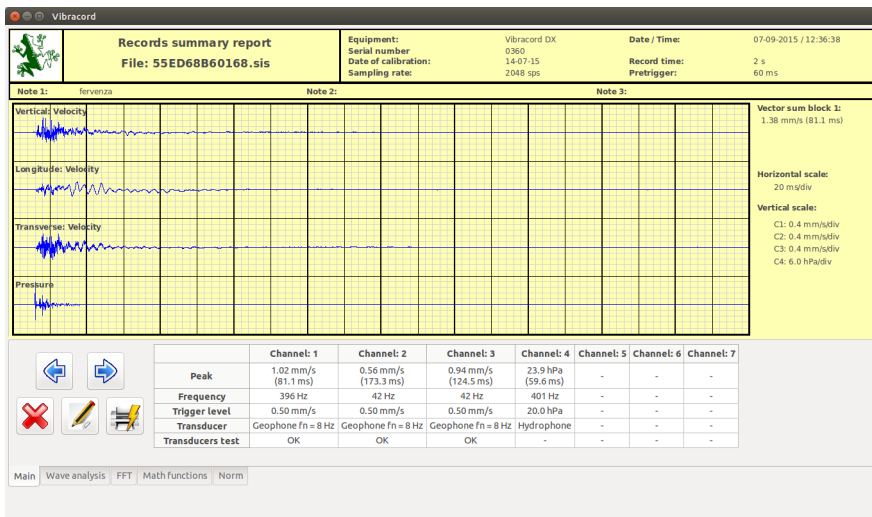
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# Software

**Configuration**

Main Printer Font Colour Norm

**Locale**

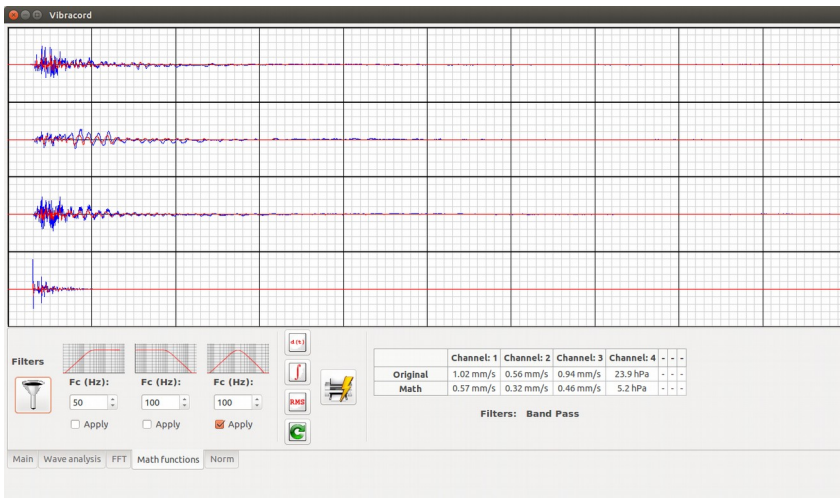
Language: English  
Date format: dd-mm-yy

**Your Company**

Logo: (150x120 px)

Vibraquipo, S.L.U.  
www.vibraquipo.com

Cancel OK



**Printer**

**Reports to print**

Summary sheet (Text)  Summary sheet (graphic)

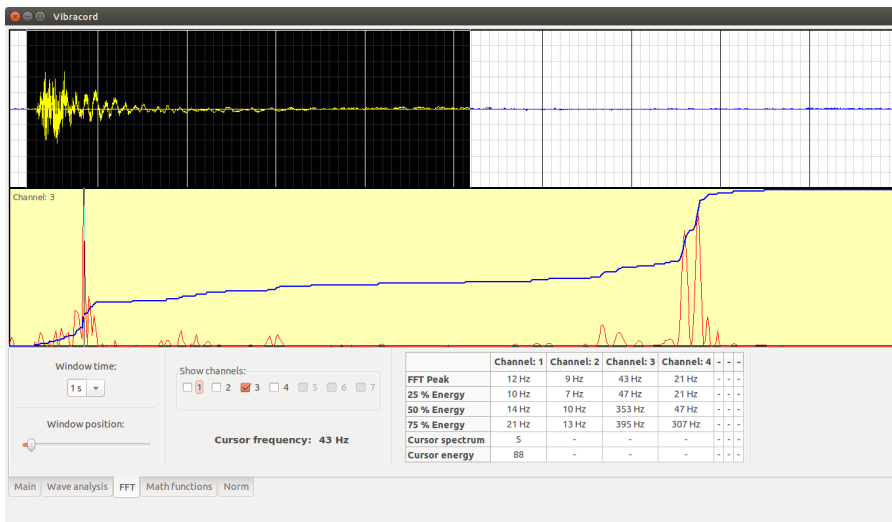
Detail sheet  Frequency sheet

d(t)  I(t)

RMS

Records summary report

Printer icon, Cancel icon



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# Vibration Meters Vibracord FX

Description	Features
Number of channels	4 / 7 (One or two 3-Axis blocks of geophones, and one low frequency microphone)
Sample rate	2048 samples per second
Frequency response	2 - 250 Hz (ISEE) 1-315 Hz (DIN 45669-1)
Trigger modes	Automatic, Manual, External
FFT Calculation	Equipment and computer
Data transfer modes	USB Disk SD Card USB Cable WEB Server FTP Server
Data visualization	Screen Printer WEB Server FTP Server E-Mail
Screen	7" TFT Color Touch Panel with 800x480 pixels
Keyboard	8 keys
Data storage memory	1.8 GB Up to 10.000 records
Internal power supply	Li-Ion rechargeable battery
Dimensions (mm)	200x150x70 (Aluminum case)
Weight (Without accessories)	1.9 kg (Aluminum case)
Environmental	IP-54

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