Pre-Contractual Data Information: Connected Product (EU Data Act)

Product	VIB 5.310 — VIBXPERT II (Fluke VibXpert II) — dual-channel FFT data collector and signal analyzer
Firmware / HW	Firmware | Firmware version 3.2x — route, multimode, machine templates, trending spectrum, envelope spectrum, time waveform, shock pulse, phase, balancing (optional), coast-down/run-up, modal analysis (optional), recording, visual inspection, and related functions as licensed Firmware version (device) | Visible under Service → Device Info (firmware version, hardware version, next calibration date) Processor | ARM CPU 800 MHz Memory | 128 MB DDR RAM; CompactFlash — 2–8 GB replaceable card (serial numbers 30000–39999) or ~2.7 GB user-accessible built-in storage (serial numbers ≥ 40000) Measurement channels | 2 synchronous analog channels; 1 trigger / keyphaser input; thermocouple (type K); headphone output (signal monitoring only) Hardware revisions | Device ID, battery ID, mainboard, keyboard/LED, and battery-contact status — readable from device nameplate and Device Info
Connectivity / Interfaces	Refer to manual for more information
Contact	privacypolicy@fluke.com

1) Product data

Physical measurements

Electrical machine signals from connected sensors (linedrive, IEPE/voltage, displacement, thermocouple, etc.) across up to two synchronous channels, and trigger / keyphaser pulses for RPM and phase reference. Processed results per route, multimode, machine template, or measurement task include overall vibration values, trending and envelope spectra, time waveforms, shock pulse, phase measurement, orbit and amplitude/phase diagrams, rotational speed, temperature, process parameters, balancing results, coast-down/run-up recordings, modal/impact test data, visual-inspection entries, and manual-input entries.

Device identifiers

Product model, serial number, firmware and hardware version, host name, IP address, MAC address, and VIBCODE measurement location codes where used.

Status / telemetry

Power state, operating mode, route progress, battery and charging status, Ethernet / PC connection status, sensor check status, alarm evaluation, display backlight, and measurement date/time.

Events & diagnostics

Alarm threshold exceedances, measurement warnings, error codes, sensor check failures, user-entered event comments, and system log files.

Configuration values

Route definitions, machine templates, measurement task parameters, alarm bands, units, channel and sensor settings, calibration coefficients, network settings, report metadata, report logo, and user-interface preferences.

PDF reports generated on device and transferable to PC or USB flash drive; no cloud connectivity.

Estimated volume (typical)

- **Overall value per measurement point:** ~0.1–2 KB
- **Trending / envelope spectrum per point:** ~50 KB – 2 MB
- **Time waveform per point:** ~10 KB – 5 MB
- **Coast-down / run-up recording:** up to several hundred MB, where licensed
- **Complete measurement route:** ~1–500 MB, route-dependent
- **PDF measure report:** ~0.5–5 MB

Collection frequency

- **On event** — when the user runs a measurement at each route point, in multimode, or via a machine template. Not continuous while idle. Schedule is defined by the customer, for example daily, weekly, or monthly.

For general operational guidance, please refer to the product’s user manual.

2) Data formats

On device

- **Measurement files — proprietary binary + XML configuration:** spectra, time waveforms, overall results, balancing / coast-down / modal data, and other processed measurement data
- **Route / template data — XML + proprietary binary:** route definitions, machine templates, alarm settings
- **PDF reports — PDF:** on-device generated measurement reports
- **System logs — log files:** VibXpert.log

Measurement files are stored on CompactFlash. The device does not expose measurement data as USB mass storage; access requires OMNITREND or VIBXPERT utility over USB, RS232, or Ethernet.

On export / transfer

- **UFF / IEEE:** VIBXPERT utility (optional license) — industry-standard vibration interchange for external analysis software
- **CSV:** VIBXPERT utility — phase, balancing, and ODS results
- **Microsoft Excel (*.xls):** VIBXPERT utility — CSV Export — overall values, FFT spectra, time waveforms, balancing, coast-down/run-up, and 2-channel measurements
- **PDF / screenshots:** on device; VIBXPERT utility; or USB flash drive — measurement reports and screen captures
- **Backup / restore archive:** VIBXPERT utility — full device data and configuration backup (proprietary)

3) Storage & retention

Retention

Raw product data on the device is retained until deleted by the user, CompactFlash is formatted, or the device is reset.

Deletion / anonymisation

On-device data can be deleted via device menus; factory reset or CompactFlash format erases local data and configurations. Where Fluke-held data applies under a separate agreement, requests may be sent to privacypolicy@fluke.com.

4) User access, export & erase

Where

VIBXPERT II device UI for viewing routes, results, alarms, local deletion, and PDF report generation; OMNITREND PC software for route/template transfer, analysis, archive, and trending; VIBXPERT utility for firmware update, backup/restore, PDF and screenshot transfer, and licensed exports; USB flash drive for PDF report transfer.

How

Connect the device to a PC via USB, RS232, or Ethernet and use OMNITREND to register the device, download routes or machine templates, upload completed measurement results, and analyse, archive, or trend the data. For third-party exports, use VIBXPERT utility to transfer files and export supported formats as licensed. PDF reports can also be copied to a USB flash drive using the accessory cable.

Export formats

OMNITREND exports XML configuration and proprietary binary measurement data. VIBXPERT utility supports UFF / IEEE where licensed, CSV, Microsoft Excel (*.xls), PDF, screenshots, and backup archives. USB flash drive export supports PDF reports.

Limits / rate-limits

Device storage is approximately 2.7 GB user-accessible built-in storage on newer devices or 2–8 GB replaceable CompactFlash on older devices. Ethernet supports 10/100 Mbit. There is no artificial PC export volume limit beyond device storage and PC capacity. UFF / IEEE and Excel export require optional VIBXPERT utility license modules.

Request erasure: delete on-device data via device menus, format CompactFlash, or perform factory reset through Service → Factory Defaults. PC / OMNITREND database erasure is managed by the customer. Where Fluke-held data applies, contact privacypolicy@fluke.com and specify the device serial number and data scope.

5) Data Sharing with Third Parties

To the extent Fluke has access to the relevant data, you may authorize a third party to access such data by contacting Fluke using the details set out above, specifying the recipient and purpose of the data sharing. You may view and revoke authorized data transfers at any time via the same contact details.

Where data is stored locally on your device or within your own environment and is not accessible to Fluke, you are responsible for granting third-party access directly.

6) Terms of service, contract term & termination

As provided in the quote, order form, or agreement between you and Fluke. If you purchased the product through a distributor or reseller, the terms of service, contract term and termination are as agreed between you and that seller.

7) How Data Holder uses the data

If Fluke has access to any data generated through your use of a Fluke connected product or related service, this will be used in accordance with the applicable agreement between you and Fluke, through which you purchase Fluke's products or services. The relevant Fluke entity details will be specified in the quote or order form as applicable.

Fluke may engage third parties to act as service providers and perform certain tasks on its behalf, such as processing or storing data generated in connection with your use of a Fluke connected product or related service. For more information, please visit **https://www.fluke.com/en-us/fluke/privacy-policy**

8) Trade secrets

No trade secrets are contained in the data.

9) Right to lodge a complaint

If you have a complaint relating to your Fluke connected product or related service, or the Data Act in general, you can contact Fluke using the details set out above. You also have the right to lodge a complaint with the relevant competent authority designated under Article 37 of the EU Data Act, in the Member State of your habitual residence, place of work or establishment.

Notice version: 1.0 **Last updated:** 2026-09-10