



EMBEDDED ELECTRONICS DIAGNOSTIC SOLUTION

EXXOTEST® PFD

Today with the advent of new environmental standards, and the enrichment of the equipment levels of our vehicles, electrical architectures are becoming more complex, and ECU are processing more and more data.

To support this trend, Exxotest® PFD is developed on a modular architecture allowing dialogue with the latest generation ECUs, while offering new services and an ever more connected link between the vehicle's life (maintenance operations) and the manufacturer.

The enhanced performance of its electronics (new communication networks, increased memory capacity and better screen resolution) will provide invaluable help to the maintenance technician thanks to new features (AI powered guided diagnostics, electrical diagrams, help, photo, etc.).

Connectivity allows a new link between the manufac-

turer and its After-Market network by offering new services such as: traceability of all maintenance operations, monitoring of guarantees, remote handling for training or assistance, administration of the tools fleet, etc

This new tool therefore improve the efficiency of the after-market service operations.



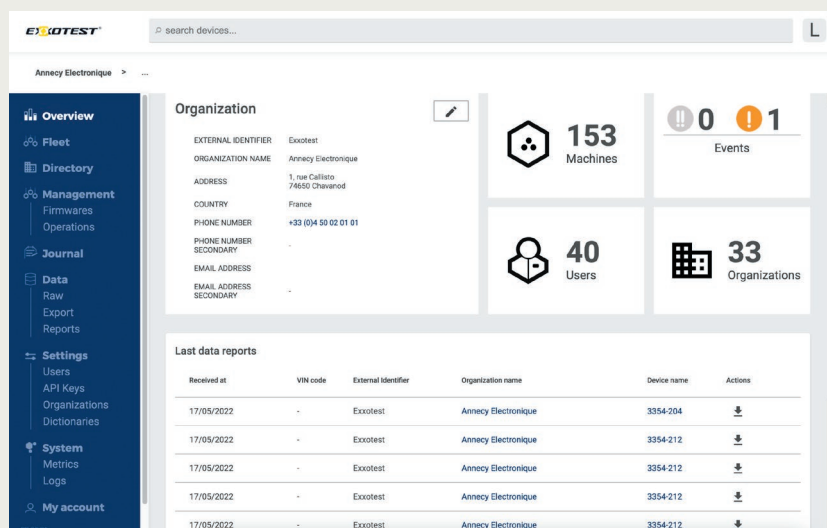
CHARACTERISTICS

Power supply	Vehicle's diagnostic connector : 12-28VDC (-15% / +20%) Mains adapter 230VAC/12Vdc 1A	
Communication interfaces	1x CAN HS-FD channel + 1x CAN HS-FD or LS channel 2x LIN or ISO9141 channels 1x DoIP ETHERNET or 100BASE-T1 channel SAE J1979 / ISO 15031, ISO 9141, ISO14230, ISO15765, ISO13400	
Multimedia interfaces	USB (OTG), WIFI 802.11 b/g/n, Bluetooth 4.2 / BLE	
Electrical measurements	Voltmeter: -100 to +100V DC (2 channels) Oscilloscope: 2 channels, Bandwidth 2MHz, sampling rate 2,5MS/s, vertical scale from 10mV/div to 20V/div Ammeter: optionnal ammeter clamp Ohmmeter: 0 to 1Mohms	
Protection	IP40	
Use / Storage temperatures	-20 to +55°C (powered by vehicle) 0 to +40°C (powered by mains adapter)	Storage : -20 to +55°C
Size / Weight	20,5cm x 11cm x 5,2cm	700g

Exxotest® PFD platform can be associated to a Backoffice solution offering tool's fleet management as well as diagnostics data recovery from the full tools fleet.

Fleet management: on-size organizations and tools management, remote assistance, updating and operations history, licences management, etc

Data recovery: diagnostic logs recovery from the full tool's fleet allowing the edition of reports, database creation and data analysis .



The screenshot shows the Exxotest PFD Backoffice interface. On the left is a navigation menu with options: Overview, Fleet, Directory, Management (Firmwares, Operations), Journal, Data (Raw, Export, Reports), Settings (Users, API Keys, Organizations, Dictionaries), System (Metrics, Logs), and My account. The main content area displays the 'Organization' details for 'Anney Electronique'. It includes fields for EXTERNAL IDENTIFIER, ORGANIZATION NAME, ADDRESS, COUNTRY, PHONE NUMBER, SECONDARY, EMAIL ADDRESS, and EMAIL ADDRESS SECONDARY. Summary statistics show 153 Machines, 40 Users, and 33 Organizations. Below this is a table titled 'Last data reports' with columns: Received at, VIN code, External Identifier, Organization name, Device name, and Actions. The table lists five reports received on 17/05/2022 from 'Anney Electronique' with device names 3354-204 and 3354-212.

Exxotest® PFD and its associated backoffice offer a global solution based on modular platforms to be adapted and personalized to your application requirements.

Let's talk on how we can tailor-made the global solution answering to your after-sales network, end of line testings, vehicles / mobile machines fleet flashing, etc