



— **Suchy Data Systems** —



xProLog and **xProFLG** –
two measurement devices with
which you can master the marathon
in automobile endurance tests.



xProLog or xProFLG – one of these is your champion in automobile endurance tests

Those developing vehicles based on the latest technology want to bring them on the market as soon as possible. The ultimate goal is to set oneself apart, both with respect to the competition and customers, with new, groundbreaking automobile models. One critical step on the way from the drawing board to the assembly line is the endurance testing of prototypes. In this phase, discrepancies and weak points can be effectively discovered and eliminated. And here you can also optimize the quality, security and functionality of later models – long term.

The **xProFLG** makes it possible for the driver to navigate complex procedures through precise driving and test instructions. Reproducibility and quality are thereby optimized.

Our **xProLog** is the ideal device for quickly and easily recording CAN data and GPS information.

The more superior and powerful the measurement and testing technology is, the more revealing and successful your results will be. For this reason, we would like to introduce you to two compact measurement systems, which are targeted to support you in your endurance testing: the xProLog, the universal CAN bus and GPS data logger; or the xProFLG, the comfortable driver control station. Regardless of which model you choose, both offer long-term durability in challenging test operations and will fascinate you with top results.

xProLog – for multiple data logging: compact, comfortable and cost-efficient

Are you looking for an attractive data logging solution, which is not only technologically advanced but also economical? Our **xProLog** is a compact, stand-alone measurement system for CAN and GPS data. Depending on the software configuration, you profit from a versatile data logger application:

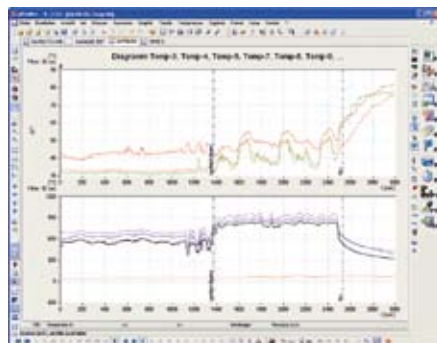
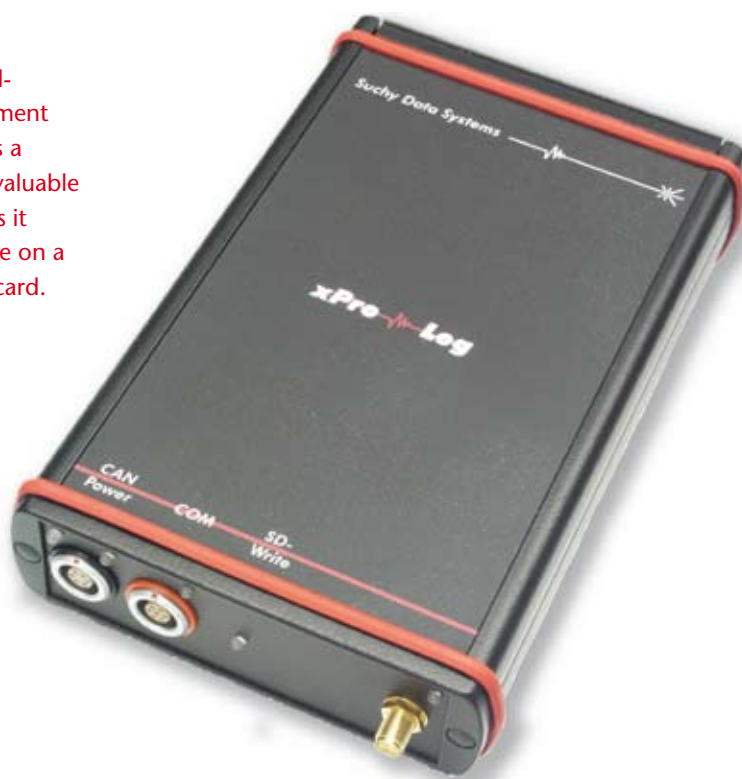
- optional access of up to 3 CAN busses via diagnosis jack OBD-II
- faster GPS receiver with a data rate of 4 Hz
- 2 serial interfaces for connecting a display unit or a wireless modem
- gateway function CAN and GPS with USB or V24

Configure test runs individually with Windows software

With the aid of the xProWin software package, you can optimally adjust your **xProLog** to fit your individual measurement plans. You simply save your project as a new job on the SD card. **xProLog** will then automatically import your new job. The corresponding tables, diagrams, etc. are created independently.



xProLog, the compact, stand-alone measurement system, collects a wide range of valuable data and makes it quickly available on a removable SC card.



Insightful evaluation of data in perfect visualization

Our xProLog makes it easier than ever before to evaluate the collected data in Window-compatible FAT format. We provide you with comprehensive software for this purpose – with numerous valuable functions:

- presentation of measurement results both graphically and in spreadsheets
- various filtering functions to smooth out diagrams and suppress interference
- statistical functions
- classify according to DIN 45667
- data export to Microsoft EXCEL

xProFLG – for seamless navigation through test runs: dependable, precise and time-efficient

With the **xProFLG** we offer you a unique device concept, which guides your test drivers through complex and integrated test scenarios. At the same time, you are able to record enormous amounts of data on an SD card from CAN bus and the 4 Hz GPS.

The **xProFLG** supports your drivers during the dependable accomplishment of detailed tasks in that it provides exact driving instructions phase by phase. The xProFLG makes your test cycles more transparent, it optimizes your driving program, ensures quality, and sets the course so that your projects are more time and cost efficient. A 32 bit processor lies



at the core of the solution, combined with a driver's display and operation module:

- the driver receives precise information and instructions on the large text display during the drive

The **xProFLG**, the handy driver control station with display and operating unit steers your test drivers through complete procedures of the test and helps realize excellent results.

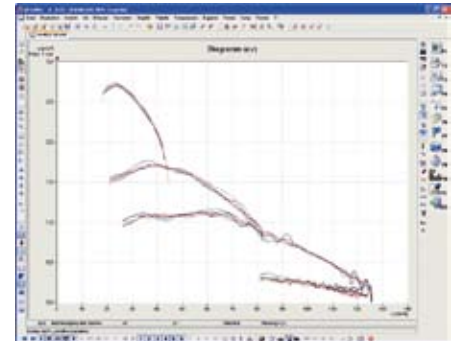
- each new task is announced on time – visually, through the integrated bar graph, and with an acoustic signal
- the display adjusts automatically to changing light conditions thanks to an automatic brightness control

The initialization of test procedures takes place effortlessly

Beginning with a defined test and route progression, you determine the driving instructions and program them with the assistance of comfortable stored elements. Our software helps you to exactly determine individual driving programs. Here are some of the primary functions:

- definition of route progression, test actions and driving instructions
- production of routing texts, determination of a complete list of actions – e.g., acceleration, breaking, door opening, honking, air conditioner on/off, etc.
- activation of relevant measurement channels
- determination of valid data ranges to be observed

You can integrate existing test procedures, either completely or as modules, into your new driving program. Each newly produced driving program can initially be simulated on a PC.



When everything is perfectly adjusted, your driver will be guided seamlessly through various text procedures. Overshooting and failing targets are recorded in minute detail.

Long-term data can now be analyzed at the press of a button

All collected data and protocols are read out in Windows software and then visualized either graphically or in charts. Numerous presentation modes and tasks can be executed. In the end, your highly professional measurement data and analyses are presented with:

- analysis of recorded protocol
- numeric and graphic analysis
- 2D route diagram incl. classification function
- 3D presentation
- presentation according to DIN 45667



xProLog and xProFLG: both systems make use of the most modern measurement technology

In principle, the **xProLog** and **xProFLG** are based on identical measurement and collecting technology. As qualified instruments, specially made for detailed and extended test runs, they collect and save CAN, GPS and serial data. All data is saved on an SD card. This is removable. Collected data can thereby be transferred to your PC instantly. Data can be uploaded parallel via USB or V24.



Additional features both measurement systems have in common:

- powerful 32 bit processor
- remote access of collected data is possible anytime – e.g., by passing a WLAN station at the proving ground, via UMTS or GSM, throughout Europe and worldwide

- all inputs come with convenient LED status lights: readiness for operation is signaled with a green light
- supersensitive 4 Hz GPS
- integrated power supply buffering for bridging current interruptions
- easy connection to the vehicle with standardized OBD II jacks
- particularly easy startup and handling

Technical data

Power supply: 9 ... 18 V DC
Integrated backup battery: NiMh
Power input: 100 mA ... 250 mA
Weight main computer: 0.5 kg
Dimensions main computer:
164 × 107 × 35 cm

Suchy Data Systems – Experts in Measurement Technology

When you require technology-intensive solutions for measurement-related hardware and software, we are your dependable partner. We have specialized in highly individual concepts in this area for over 20 years.

Alongside innovation, creativity, measurement precision and flexibility, we have made the values of fairness and openness our guiding principles. Numerous renowned companies have relied on us for years and have profited from our excellent hardware and software products: for the maximum efficiency, outstanding quality and the easiest application.

**Suchy Data Systems – first-class
measurement technology, which you can
measure us against anytime.**



Suchy Data Systems

Would you like to find out more?

We are gladly available to provide you with detailed information, technical specifics and an extensive consultation. Call on us to hear more about your individual solution.

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