V-Max 4000

Modular Data Acquisition System

V-Max 4000

Product **Overview**

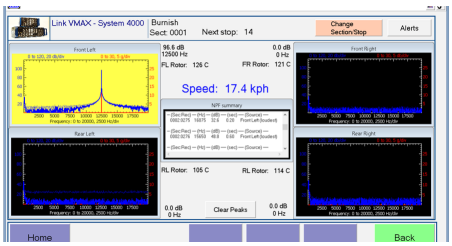
Link Engineering Company's V-Max 4000 provides the latest in modular data acquisition system technology. The combination of high sampling rates, reliability, modularity and versatility make the V-Max 4000 ideally suited for your precise test applications while meeting your specific budget requirements.

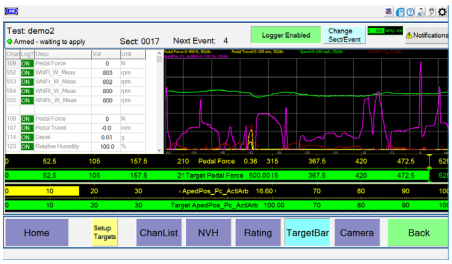
Key **Benefits**

The LINK V-Max 4000 is more than a data logger.

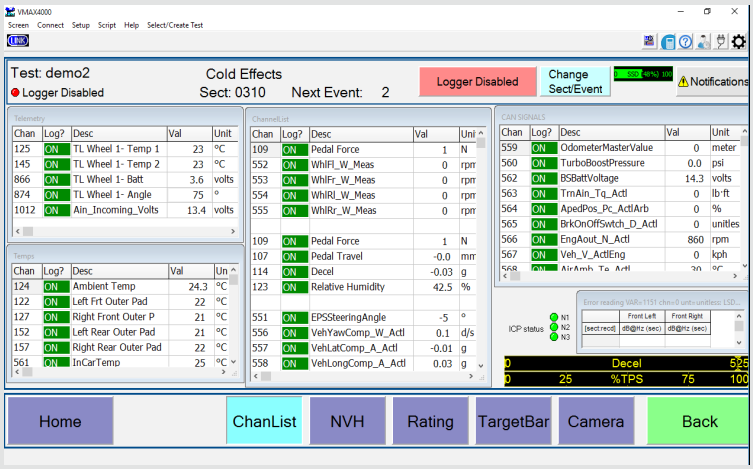
- Runs ProLINK, common to LINK laboratory systems
  - Allows vehicle to laboratory transformation
- Records in LINK standard data format up to 1000 channels
  - 1000+ summary variables on every recording
  - Sample rates up to 51.2 kHz depending on channel
- Localized technical/calibration support in most regions of the world
- Ability to provide audio prompts to user for instruction and feed-back
- Out-of-the box data logger and programmable system
  - Add-ins allows custom functionality
    - Custom test prompting
    - Immediate end-of-recording user feedback
    - Library of add-ins included
    - LINK can help develop a custom test system
- Data and video synchronization
- Multi-data acquisition systems connectivity
- Designed to aid the driver in successful test execution
  - Driver prompts
  - Configurable heads-up display
  - Commenting interface
  - Customizable target bars with ramp rate functionality
  - Channel saturation warnings

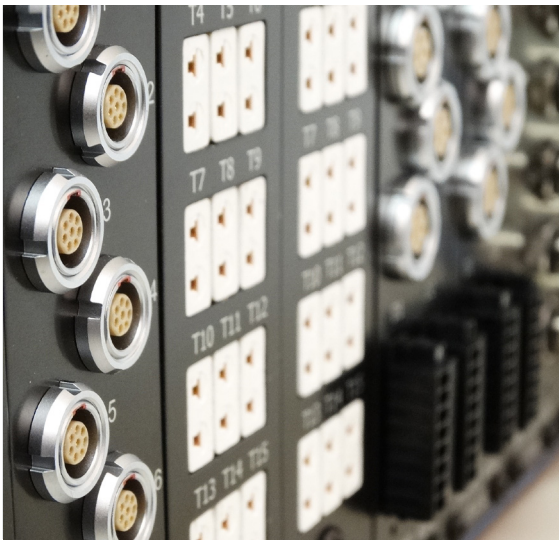
Real-time NVH Analysis on the fly





Data Logger Screen

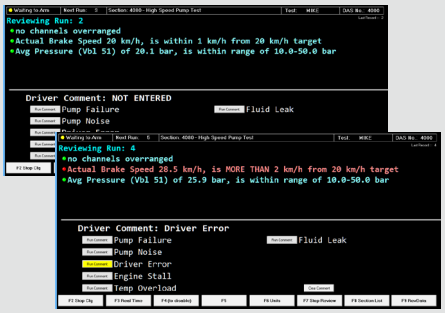




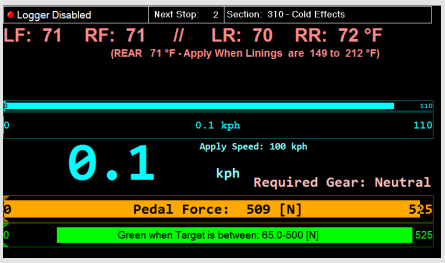
Options

- 13 modules from which to choose
- ProLINK squeal report application software
- NVH Analysis on the fly
- Select transducers preconfigured in stock, wired and calibrated
- Custom adapter cables for common connector types
- Rugged carrying case/organizer
- Remote on/off push buttons & RF switch for unique mounting options
- Customized software solutions (let LINK adapt our software to your specific requirements)
- Vehicle mounting solutions
- LINK can develop custom test reports for customer procedures

Custom Add-In: Pass/Fail Run



HUD Screen



Key Features

- Modules can be added as test needs evolve
- Modules can be shared between systems
- Allows users to buy what they need, while allowing for future growth
- LINK will lease modules to expand capability for short term demand

Model 4000 Specifications

Intermittent Power Backup	Internal Super Capacitors, 3 seconds
Module types	Analog input, Differential analog input, Analog output, Temperature, NVH, Pulse, CAN, Digital input/output, Power module, Power distribution module, POE Ethernet, Video, CPU
Operating Temperature Range	-30 °C to +55 °C (-22 °F to +131 °F)
Operating Relative Humidity	5% to 95% Non-Condensing
Protection	IP 31
Approvals	CE Mark
Input Voltage	9 Vdc to 27 Vdc
Sample Rate	up to 51.2 kHz (depending on channel type)
Total # of channels	up to 1000

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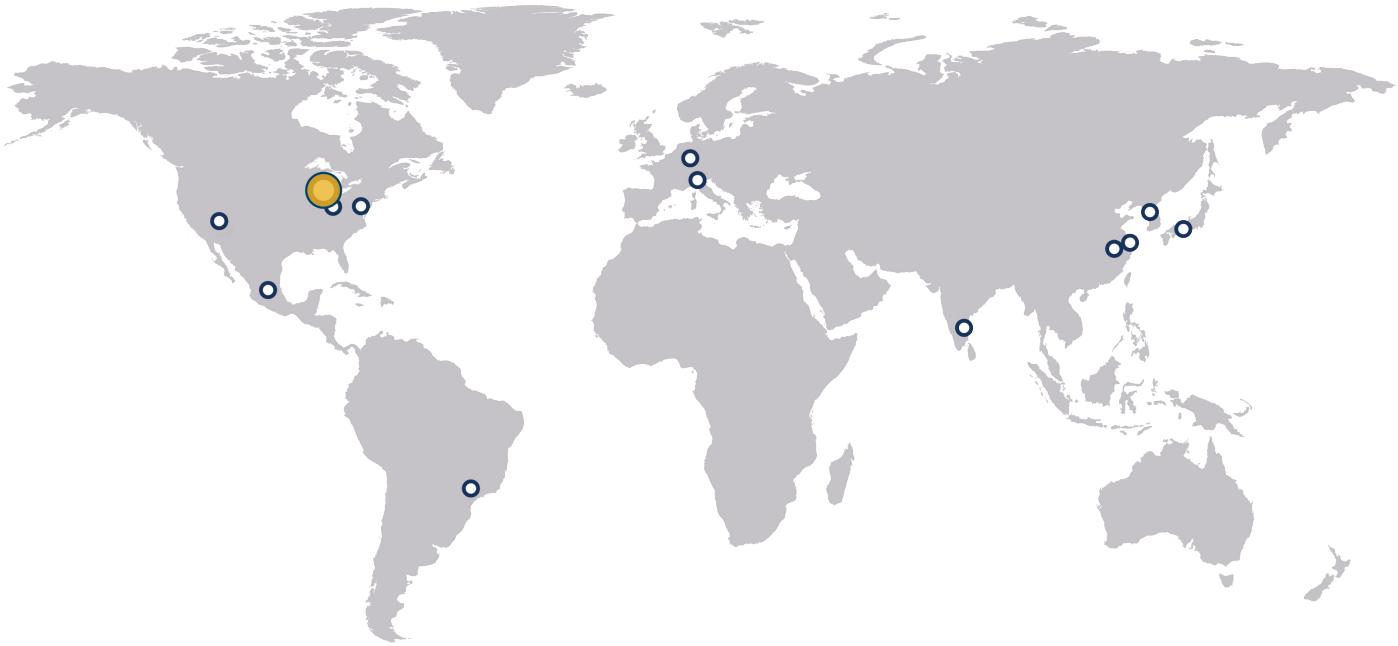

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