What is AVL LYNX 2?

AVL LYNX is the industry's leading battery test automation platform supporting high-speed control and operation of cell, module, and pack power electronics, climatic chambers, chillers, measurement devices and other equipment.

AVL LYNX accomplishes all this while performing rapid acquisition and monitoring of hundreds of channels through a network of high-speed measurement devices.

How does LYNX improve my battery testing operations?

AVL LYNX dramatically simplifies lab operations by consolidating all control and data acquisition under one common and easy-to-use interface. Easily build powerful test sequence that centrally manage everything from temperature set points, charge and discharge cycles, EIS measurements, and many more.

Can LYNX work with third-party equipment?

Yes, LYNX has embedded software drivers for many of the most commonly-used devices. From power electronics, to climatic chambers, coolant conditioners, power analyzers, impedance measurement, I/O and more. Additionally, we support open protocols such as Modbus and EtherCAT. Utilizing Vector's high-speed FDX interface, LYNX can be extended to also use many of the less common protocols. We recognize your lab most likely has a variety of hardware, which is why AVL is committed to having AVL LYNX work seamlessly with third-party equipment as well as our own.

How can I further maximize the value of AVL LYNX?

Harness the power of AVL LYNX to create a more connected lab. You can extend AVL LYNX's offerings by using it with the complete AVL software ecosystem.

For example, AVL CONCERTO can be used to analyze and report AVL LYNX measurement data. To help ensure your lab is operating optimally with maximum throughput, analyze, and report testbed data with AVL PULSE.

Enjoy lab-wide operational oversight and management with AVL Asset & Process Control. You can also monitor and manage energy usage with AVL EMOS.

AVL Asset & Process Control
Testfield management system

AVL EMOS
Manage energy usage

AVL CONCERTO
Data analysis & reports

AVL LYNX

AVL PULSE
Lab monitoring & reporting

AVL HOST
Host for parameters & results

Key Features

Flowchart Test Designer: Leverage a scrolling test editor to easily see your progress and next steps within a test. The flowchart test designer also includes features to help you build out a test.

Customs Screens: Design an interface that provides an at-a-glance view of real-time activity on the testbed, such as plots, gradient panels, digital displays, progress bar, status bar, and much more.