

ALIARO EXCHANGABLE LOAD BOX

Many test systems are custom build due to the special needs (protocol, load, function etc.) each device under test (DUT) has. The Exchangeable Loadbox™ separates the test platform from the DUT specific loads and wiring, providing a flexible test system that might be used for numerous of DUTs. This setup enables virtual hot swap of the test system, a new DUT setup can be prepared in advance and when the test system is available, the user just ejects the previous Loadbox from the system, replacing it with the prepared setup.

The combination of The Exchangeable Loadbox™, the Fault Insertion and Signal Conditioning box with commercial I/O provides a modular and flexible test solution optimized for signals used in machines, robots and vehicles.

APPLICATION AREAS

- The Exchangeable Loadbox™ is used in both the Midi and the Large test system platforms.
- The Exchangeable Loadbox™ together with the FISC box can also be integrated with test systems from other vendors or existing old systems.

OPTIONS

- Options: The Exchangeable Loadbox™ can be equipped with 4mm Brake-Out panels on the front for selected signals. Computer controlled switching of loads and other signals can also be fitted in the Loadbox™ if required. **

Mechanical: The Exchangeable Loadbox™ is build using standard 19" mechanics, 3 or 6 HE. The rear electrical interface is fitted on the top of our FISC box keeping the cable length (and the impedances) to a minimum. The Exchangeable Loadbox™ is replaceable within a minute, loosen the front screws and replace.

Electrical: The electrical interface is defined upon customer request using one to four Virginia panels® connector modules. VPC provides connector modules ranging from high density digital signals (192 3A pins /module) to power supply (50A), RF (18GHz) and Pneumatic (6.9Bar).



For more information visit: <http://www.aliaro.com> or contact us by mail sales@aliaro.com

The information provided in this document is preliminary and is subject to change by Aliaro without prior notice.

ALIARO

Aliaro is an established Test Solution & HIL (Hardware-in-the-loop) provider in Sweden with offices in Göteborg, Lund and Shanghai. We have together with National Instruments designed a modular, flexible and cost-efficient platform for testing and HIL where modules from NI and Aliaros flexible modules in SLSC chassis enables the customers to work in an open and changeable platform where rapid changes are allowed. We enable continues integration for faster and safer development. By working with our partners, we offer a global support with a comfortable support and warranty program for the customers to choose between.