DS-I/O BOX®
for WIT TROLLEY

DS-I/O BOX®

DIGITAL

SCADA

I/O

BOX

Strengths Compared To Competitor

- ✅ **Easy to transport**

- ✅ Innovative **User Interface**

- ✅ **Sartocheck 5/5 Plus** compatible

- ✅ **SCADA** Integration

- ✅ **OPC UA Protocol** Compatible

DS-I/O BOX®

Main Focus Point

Architecture
The system is equipped with a compact ergonomic architecture, **to guarantee the operator,** the best working conditions

Flexibility
The system can operate either independently, or with **Sartorius 5/5 Plus.**

Easy to Use
This system has been designed for being **Easy to Use** from the customer, and from the Automation perspective
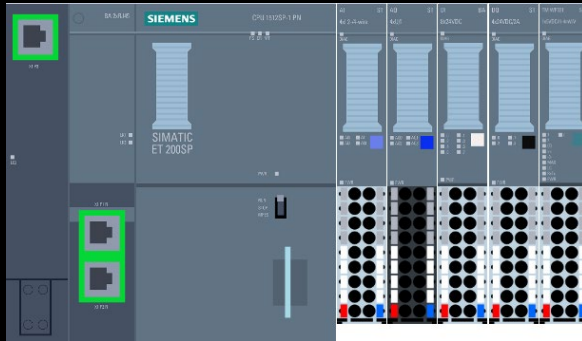
Security
The system is **21 CFR part 11** compliance. Audit Trail log each operation made by specific user.

Connectivity
The system can be used via Web Client. Data can be exported via **OPC UA** or in pdf format via shared folder

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SIEMENS ARCHITECTURE

All the I/O modules are connected directly to the bus of the CPU for faster signal transmission

New generation of HMI panel for a modern UI, more storage capacity and better construction quality

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DS-I/O BOX® for WIT Trolley is entirely made of AISI 304L stainless steel, with satin finish; there is a hole for draining liquid spills.

DS-I/O BOX® for WIT Trolley is equipped with an inspection system on both sides, the display is in an easy-to-access position for the operator.

Display DS-I/O BOX® for WIT Trolley

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SARTOCHECK'S OPERATION

Flexibility

The **DS-I/O BOX®** for **WIT Trolley** performs operations on the **Sartocheck 5/5 Plus** via the its protocol, **it can**:

- Start a Measurement Test on the device

- Stop a Measurement Test

- Check the status of the Test execution

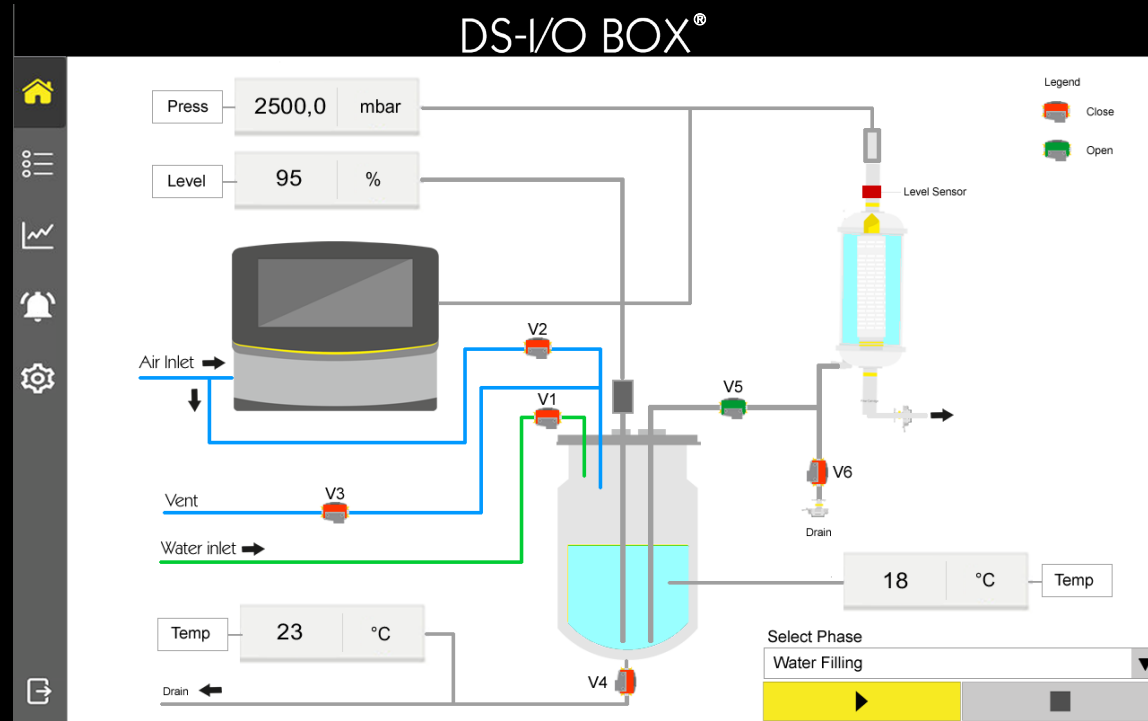- Acceptance of a Test Result

- Access to past Test Results

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NEW USER INTERFACE

The system has a modern and intuitive interface that facilitates the operators' work and allows **Real-Time** visualization of the test progress on an HMI positioned on the **DS-I/O BOX®** for **WIT Trolley.**

Easy to Use

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⚠️ BATCH ALLARM

The **Alarms** section is designed to monitor and manage the system alerts generated by the device.

This section provides a comprehensive overview of all active and historical alarms, allowing quick identification and resolution of problems.

Easy to Use

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MULTI-LANGUAGE SUPPORT

The system provides multilingual support to allow multiple users to use it to its fullest without communication problems.

Easy to Use

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👤 USER MANAGEMENT

DS-I/O BOX® for **WIT Trolley** integrates a **User Management Module** that allows to control the access to the system and permit only the authorized users to use that.

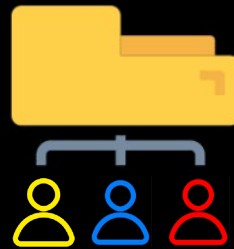By default, the following users are set up:

Admin

Supervisor

Operator

Guest

Security

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AD ACTIVE DIRECTORY MODULE

Customer can use their own Microsoft Active directory to let the **DS-I/O BOX®** for **WIT Trolley** use their users and groups to let users login with their own company credentials.

The Administrator can also manage the groups inside the HMI.

Security

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FDA 21 CFR PART 11

Every action made inside the HMI is recorded, in compliance with the 21 CFR Part 11. Within the Audit Trail view an authorized user can see every action performed within the HMI by each user. The Audit Trail can also be exported for auditing purposes.
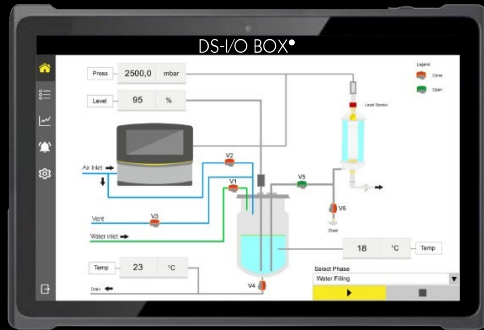

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Security

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OPC UA CONNECTION

The **DS-I/O BOX®** for **WIT Trolley** either supports **SCADA Systems**, variables and alarms can be seen externally via **OPC UA**, with all the **OPC UA** Encryptions supported.

The **DS-I/O BOX®** for **WIT Trolley** system is compatible with:

- ✅ **OSI PI** (via OPC UA connector)
- ✅ **MFCS 4** or higher
- ✅ **DeltaV**

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Connectivity

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Sample **3D View**

This is an example of **Sartocheck 5/5 Plus** connectivity to an **IP 65** industrial PC/tablet to our system.

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A new concept for carrying out
Water Intrusion Test