



MARTEL INSTRUMENTS

VIDA LabBox Technical Factsheet

VIDA LabBox integrates and networks legacy laboratory equipment with your modern LIMS or ELN.

LabBox supports a large, growing library of equipment as well as most major LIMS and ELN systems.

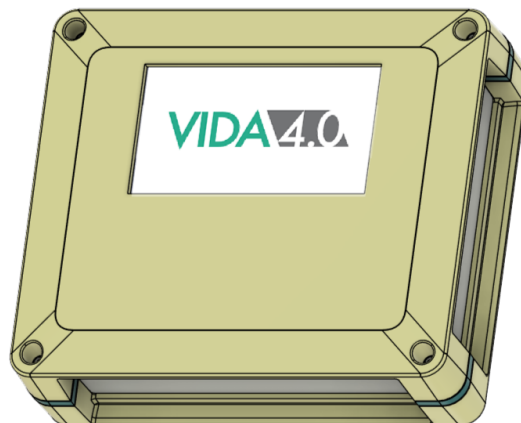
Remove paper and transcription errors from your lab today without upgrading your high-quality laboratory equipment.

Equipment support:

- RS232 serial outputs.
- USB outputs.
- Large library of supported equipment.
- Additional equipment can be integrated upon request.

LIMS/ELN support:

- Labguru.
- LabVantage.
- Labii.
- LabFolder.
- Network and USB storage devices.
- Additional systems can be integrated upon request.



VIDA LabBox works with your data your way. **LabBox** software contains highly configurable measurement protocols to ensure that batch and sample control integrates with your workflow.

Equipment readings can be augmented with timestamps, technician IDs, barcode and QR code sample IDs, equipment serial numbers and more.

All **LabBox** configuration is done through a user-friendly, browser-based interface. Once configured, the **LabBox** touchscreen guides user through your measurement process.

LabBox is your device—it will **never** automatically update or attempt to communicate outside your network.

21 CFR Part 11 compliant!

Wireless connections

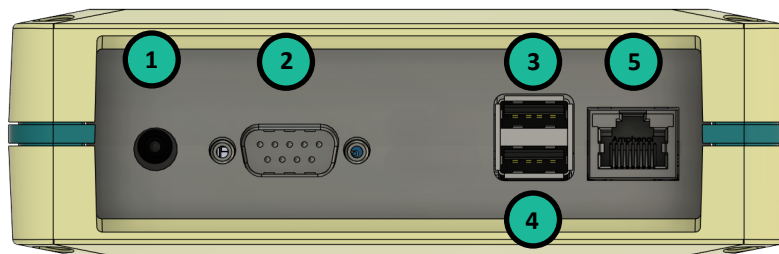
WiFi	2.4GHz 802.11b/g/n. Server and client mode support.
RFID	13.56MHz RFID support.

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Specifications subject to change without notice.*

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Specifications

Processor	ARM Cortex A7, 200-530MHz.
Storage	Approximately 50 million equipment readings
Operating system	Linux-based Debian operating system
Screen	60Hz resistive touchscreen. (Works with gloves)
Dimensions	145mm wide x 125mm deep x 50mm high.
Weight	Approximately 400g.
IP rating	IP40 equivalent rating.
Temperature	0-40°C ambient (55°C absolute maximum).



Physical connections

Label	Connector	Function
1	DC Jack (5.5mm)	Power supply. 5V DC centre positive.
2	9-way D-Sub	RS232 serial port. Software configurable.
3	USB-A	Barcode scanner or equipment connection.
4	USB-A	Barcode scanner or equipment connection.
5	RJ45 8P8C	10/100 ethernet network connection.