

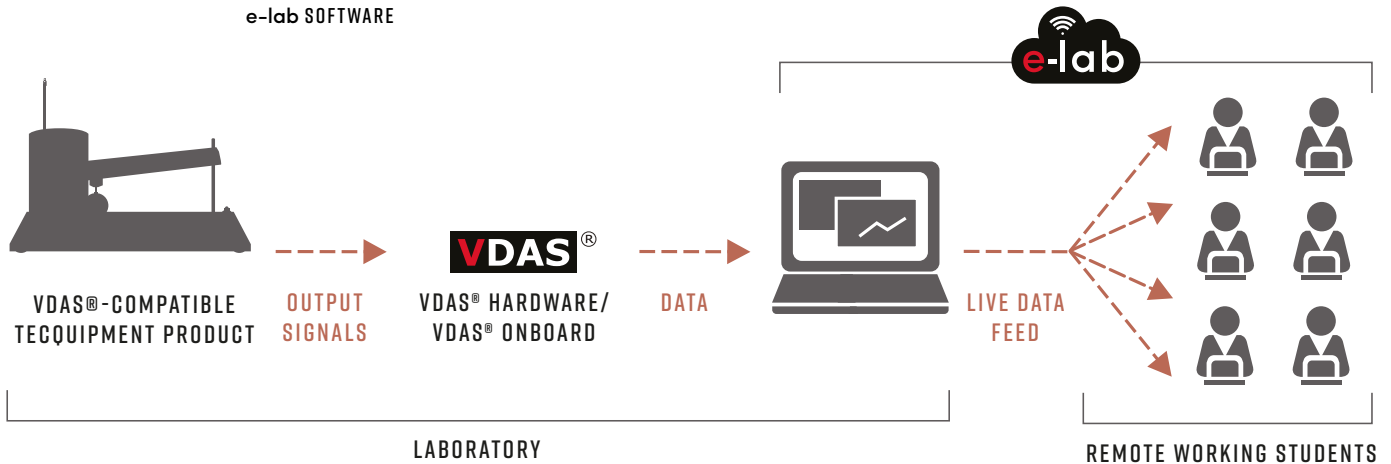
VERSATILE DATA ACQUISITION SYSTEM e-lab

VDAS® E-LAB

Software that works with TecQuipment's VDAS®-enabled products that can be used remotely, allowing students to interactively engage and participate in laboratory experiments for an adaptable, blended learning approach.



SAMPLE SCREENSHOTS OF THE VDAS® e-lab SOFTWARE



KEY FEATURES

- Flexible and easy-to-use software for remote engagement in laboratory experiments using TecQuipment's VDAS®-enabled teaching products
- Provides automatic calculation, recording, charting and data export remotely
- An unlimited number of students can simultaneously acquire and process live experimental data remotely from their computer, just as they would in the laboratory
- Students can individually manipulate the experiment data remotely
- Intuitive and easy-to-use, with clear, customisable display and layout options
- To monitor engagement, the connection status of students are time logged
- Suited to remote classroom demonstrations, laboratory experiments and group work
- Low network bandwidth requirement of 1 Mbps to increase accessibility

≡ VERSATILE DATA ACQUISITION SYSTEM e-lab

VDAS® E-LAB

DESCRIPTION

TecQuipment's remote, interactive and flexible Versatile Data Acquisition System (VDAS®) improves laboratory teaching remotely by allowing students to engage and participate from a distance in real-life, live laboratory experiments. It works with a growing list of over 70 TecQuipment products, enabling real-time display and capture of experimental data.

For individual, group or post-graduate student use, or for laboratory technicians and lecturers demonstrating experiments to a whole class online, VDAS® e-lab gives each participating individual real-time calculation, recording and charting abilities with fast data export on their own computers, while being connected to the single experiment and receiving a live data feed.

VDAS® e-lab features include:

- Works with the majority of existing TecQuipment VDAS®-compatible products
- Monitors student participation through time logging
- Records data manually or automatically
- Data capture can be set by time or intervals
- Displays real-time data in digital form or as an analogue meter
- Real-time traces of analogue signals
- Logs data for printing and later analysis
- Exports data for use by other software
- Performs real-time calculations to generate user-defined data
- Creates and prints charts and data tables
- Customisable layouts

STANDARD FEATURES

- Supplied with comprehensive user guide
- Five-year warranty
- Manufactured in accordance with the latest European Union directives
- ISO9001 certified manufacturer

ESSENTIAL ANCILLARY

- Suitable computer

ESSENTIAL SERVICES

MINIMUM COMPUTER HARDWARE:

(Required for tutor's computer only. Students' computers can run on less advanced hardware.)

- Intel® i5 or equivalent processor. Multi-core processors give better performance.
- 1280 x 768 screen resolution
- USB 2 or USB 3 port
- 500 MB of hard disc space
- Standard two-button mouse (three-button mouse with scroll wheel is better)
- Network/internet connection

PC OPERATING SYSTEM:

- Microsoft® Windows 8 or 10

DETAILED SPECIFICATIONS

TecQuipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design and product specification without prior notice.

DATA EXPORT:

- XLSX file (default)
- HTML file (optional)

