

Analytics

System Processing
Control Software



EliteLab



7 Day Free Trial

Subscription Pricing
starting at \$29.99/Month



LAB SOCIETY®

labsociety.com/elitelab

| 720.600.2037

| elitelab@labsociety.com



EliteLab® 1.5+ is a whole new level of usability, the latest updates include a freshly designed dark theme (making it easier on the eyes during long runs), a re-envisioned dashboard that is entirely customizable, and finally a major performance boost under the hood making EliteLab® faster than ever.

Successful businesses are run on numbers, not on guesswork. If you're serious about your business, you likely measure just about everything you can. In practice, we've seen early users of EliteLab® dramatically improve their efficiency over time, while avoiding costly mistakes. And of course, not having to baby your systems frees up your time, so you can focus on achieving your business goals. To make the most of accurate, multi-source input, you need to be able to log and measure data from the various sensors and controllers of your setup. Only when the data from multiple sources is captured, stored, graphed, and saved can you begin to make meaningful, data-driven decisions.

Modules tailored from the ground up for maximum efficiency and flexibility.

Heating & Cooling Circulators

Complete circulator control that is compatible with a variety of different heating & cooling devices. Change set-points easily while monitoring heat-up / cool-down cycles in the program.

Balances & Scales

Measure weights and control balances and scales in real-time. EliteLab® gives you the ability to visually see and log changes in weight during your process.

Stir Control

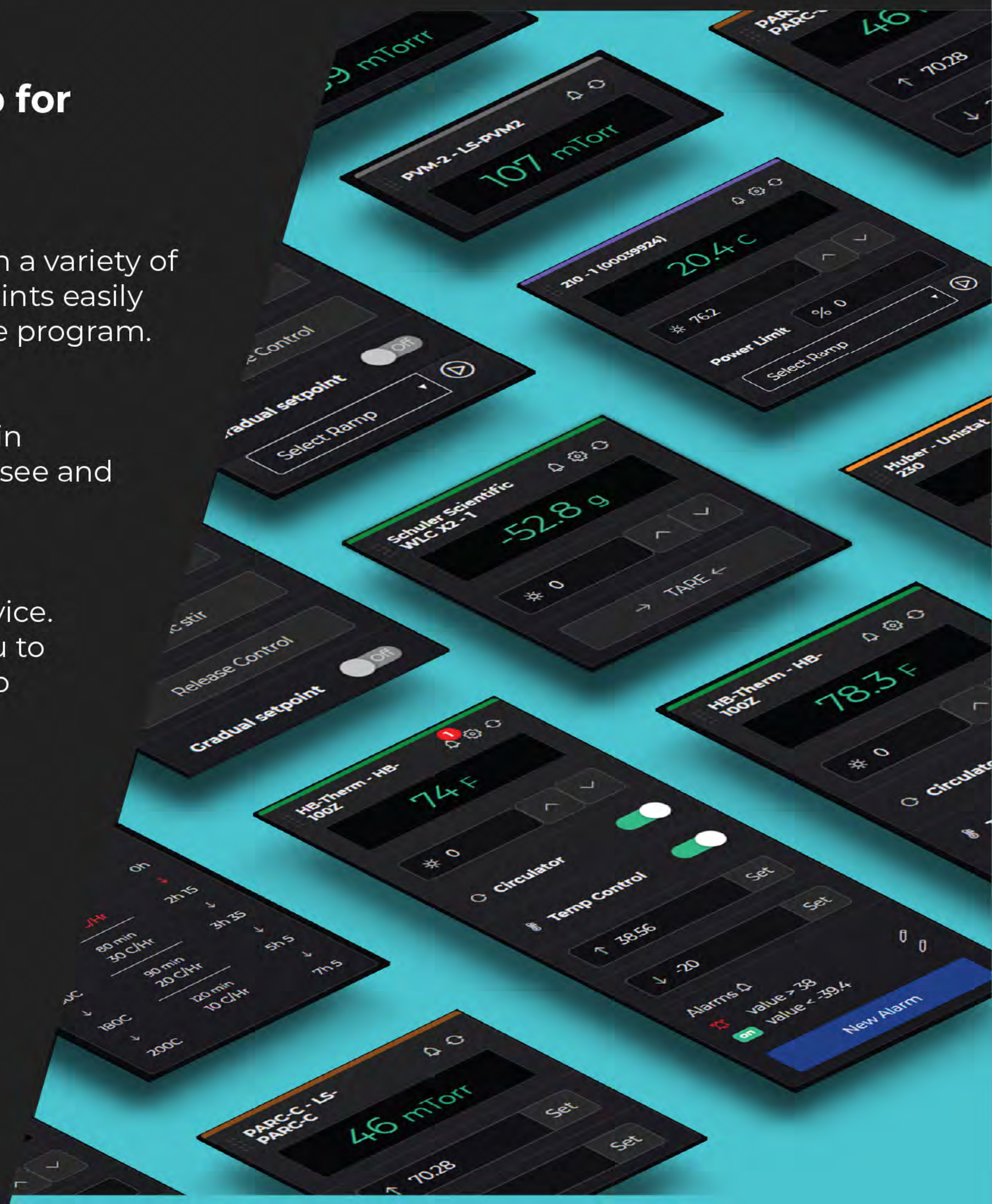
Adjust RPM's and set-points directly from your device. Overlaying stir speed with other devices allows you to correlate various changes based off adjustments to rotational speed.

Temperature Controllers & Monitors

Control and monitor the temperature of heating mantles and set ramp programs. See the relationship between mantle temperature and vapor temperature.

Vacuum Controllers & Monitors

Log vacuum pressure within your system while diagnosing in real-time the health and quality of your vacuum pump.





COMPLETE CONTROL OF YOUR PROCESSING.



Control

EliteLab® allows the user to connect, control, and log an array of devices including, but not limited to:

- ◆ Device specific alarms
- ◆ Device Data-Logging
- ◆ Temperature Controllers Regulators, & Monitors
- ◆ Vacuum Controllers, Regulators, & Monitors
- ◆ Versatile Device connectivity, including: USB, Bluetooth



Metrics

EliteLab® captures all relevant and chosen data points into log files which are viewable within the software or exportable via .CSV.

- ◆ Visualize various runtime parameters within a user-friendly interface
- ◆ Train operators using previous runtime data correlation eases the understanding of advanced processes
- ◆ Add comments to active logs for future reference



Accessibility

EliteLab® makes it easy to access your environment in a variety of ways so you can always pick up where you last left off.

- ◆ Real-time system monitoring remotely via the web
- ◆ Store dashboard and device configurations for future use
- ◆ Cross-platform compatibility, use the operating system best fit for you



Automation

EliteLab® includes user-defined ramping programs to automate various aspects of your systems, including:

- ◆ Automating stir control set-points
- ◆ Automating temperature ramps

COMPATIBLE HARDWARE

Heating & Cooling Circulators

Huber Unistat Circulator w/ Pilot ONE
HU-MS-230

HB-Therm Control Module Panel-5
HB-100Z-CMP5

Julabo Heating Circulator
MA-4, MA-6, MA-12, MA-26, 9352512.16.HST.LS

Julabo CD-200F Refrigerated/Heating Circulator
9012701.02.LABSO

Balances & Scales

LS Precision Balance, Touch Display
LS-BTD-225TN

Stir Control

LS Digital Stir Controller
LS-DSC-1

Temperature Controllers & Monitors

LS Digital Temperature Monitor
LS-DTM-1, LS-DTM-2

LS Digital Temperature Controller And Monitor
LS-TCM-S, LS-TCM-1

Vacuum Controllers & Monitors

LS Precision Vacuum Monitor
PVM-1BT, LS-PVM-2, LS-PVM-3

Precision Vacuum Controller, with Dual Sensors
LS-PARC-C

SYSTEM REQUIREMENTS

Windows 10 & Linux (Ubuntu)

*Minimum 4GB of RAM
Recommended 128 GB of storage (SSD Preferred)
Windows 10 64-bit or Later
Intel i5 or equivalent
Minimum 2 processing cores*

macOS

*Minimum 8GB of RAM
Recommended 128 GB of storage (SSD Preferred)
OS X El Capitan 10.11 or Later
Intel i5 or Newer*

COMPLETE KIT SOLUTIONS



Lab Society Short
Path Distillation Kits
*Rendering:
LS-SPK-20EG3*



Thin Film Distillation
Systems
*Rendering:
LS-TFD-2S-0.2*



Scan for Installers
available on:

