



VAControl™

Stay ahead in the long run!



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VAControl™

At Leybold, we've been bringing innovation to the vacuum world since 1850. We believe it's now time to enhance our state-of-the art mechanical technology with the power of connectivity and artificial intelligence

Our solution is the **VAControl™** family. We have developed our **VAControl™** controller to bring you more performance, both today and tomorrow:

Today...



Optimize pump control:

VAControl™ manages motor drives and multiple sensors to reduce energy consumption and improve performance, durability and reliability



Manage energy and meet ISO50001 standards:

VAControl™ follows up on real energy usage, and gives you access to recorded data. You can also program production schedules to run the pumps only when required



Check your pump data from your desk... or from anywhere else:

VAControl™ offers local, remote, or Cloud connectivity.



Improve your quality:

VAControl™ records vacuum pressure data, and allows you to guarantee the best production quality.



Anticipate your maintenance:

Based on real-time data and with alerts directly programmed in your pumps.



Make vacuum so easy:

Intuitive interface to familiarize yourself quickly. The pump manual is stored inside so you never lose it.





And Tomorrow!

✓ **Receive immediate support:**

With your approval, our service teams can access the pump remotely and help you with updates, optimizations and diagnostics - immediately!

✓ **Check your complete installation:**

With its optional leak detection function, **VAControl™** is able to perform leak tests and verify the soundness of your vacuum installation.

✓ **Receive new software and features:**

Request additional functionalities customized to your industry and specific needs.

✓ **Benefit from your pumps' data... and others!**

With your approval, specific data is recorded and processed. This data analysis gives you access to increased uptime and reduced maintenance costs.



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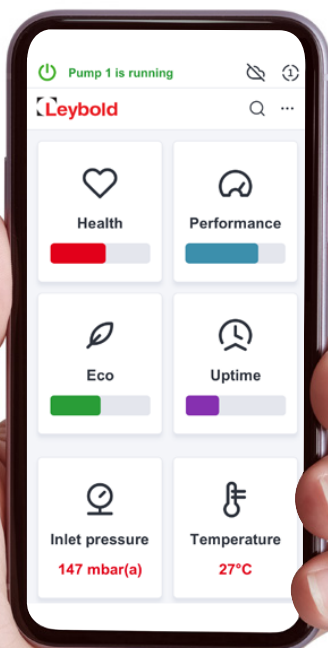
Multi-VAControl™

Multiple pump control

Multi-VAControl™ is the perfect solution for synchronizing pumps with on-board controllers. You can also connect fixed-speed pumps, including non-Leybold pumps. **Multi-VAControl™** is the perfect solution for central vacuum systems in addition to synchronizing pumps in pump-down applications.

With **Multi-VAControl™**, you get:

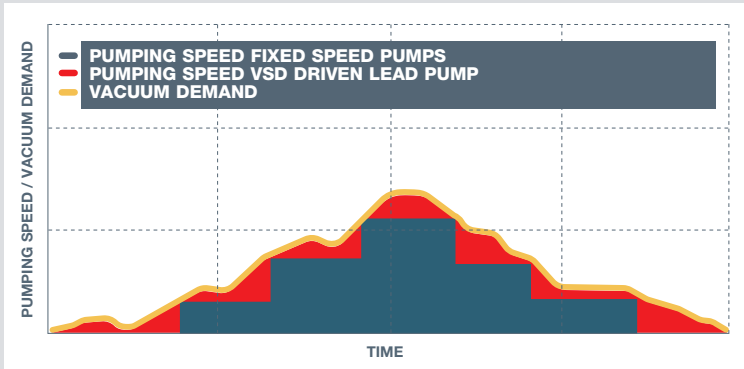
- ✓ **All the benefits of our VAControl™ controller**
- ✓ **Easy multi-pump system: quick to install, intuitive to use, and always possible to upgrade with more pumps later on.**



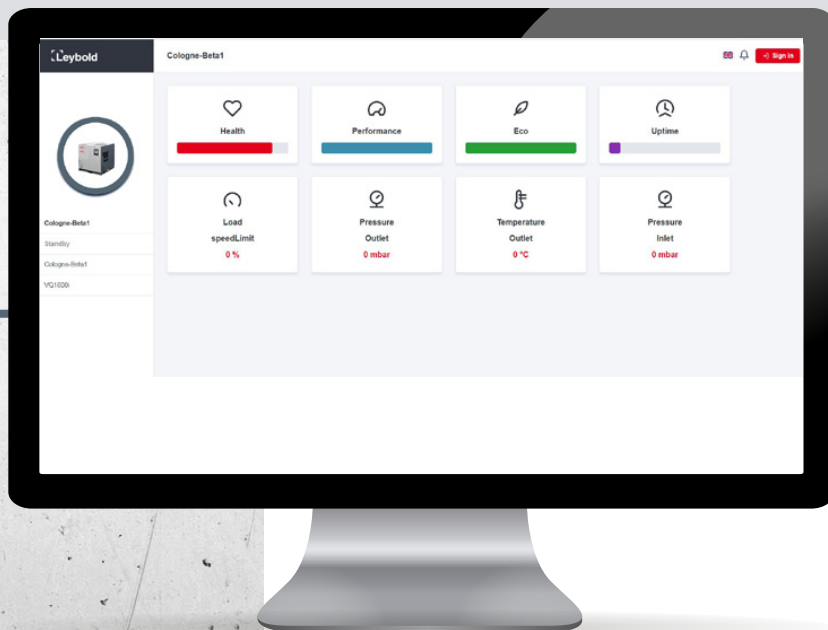
Control your central vacuum
via your PC and smartphone



The next generation vacuum pump controller



Multi-VAControl™ manages the load between the connected pumps to ensure that your pumps run at the minimum required level.



Access to your pumps' data over the Cloud via Wi-Fi or LAN



Connect and synchronize up to 16 pumps

VAControl™ Stay ahead in the long run!

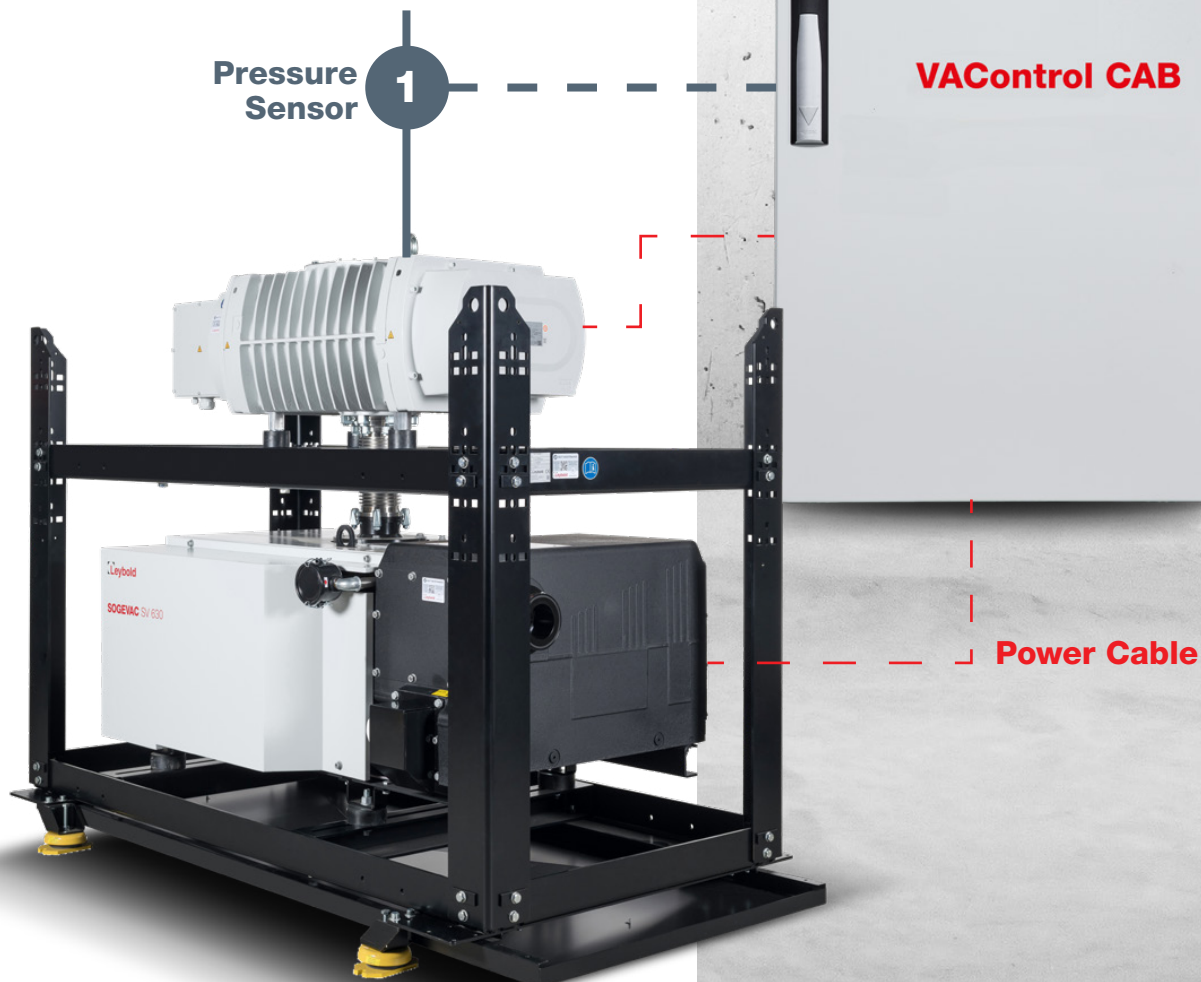
VAControl™ CAB

Smart electrical cabinets

With **VAControl™ CAB**, Leybold goes one step further. We now offer smart electrical cabinets for one or up to four pumps. Our fixed-speed pumps become intelligent, and running multiple pumps together has never been easier.

VAControl™ CAB offers:

- ✓ All the benefits of our **VAControl™** controller
- ✓ All the electrical hardware you need to drive your pumps in a safe way
- ✓ On-board frequency converters to improve pump performance & durability



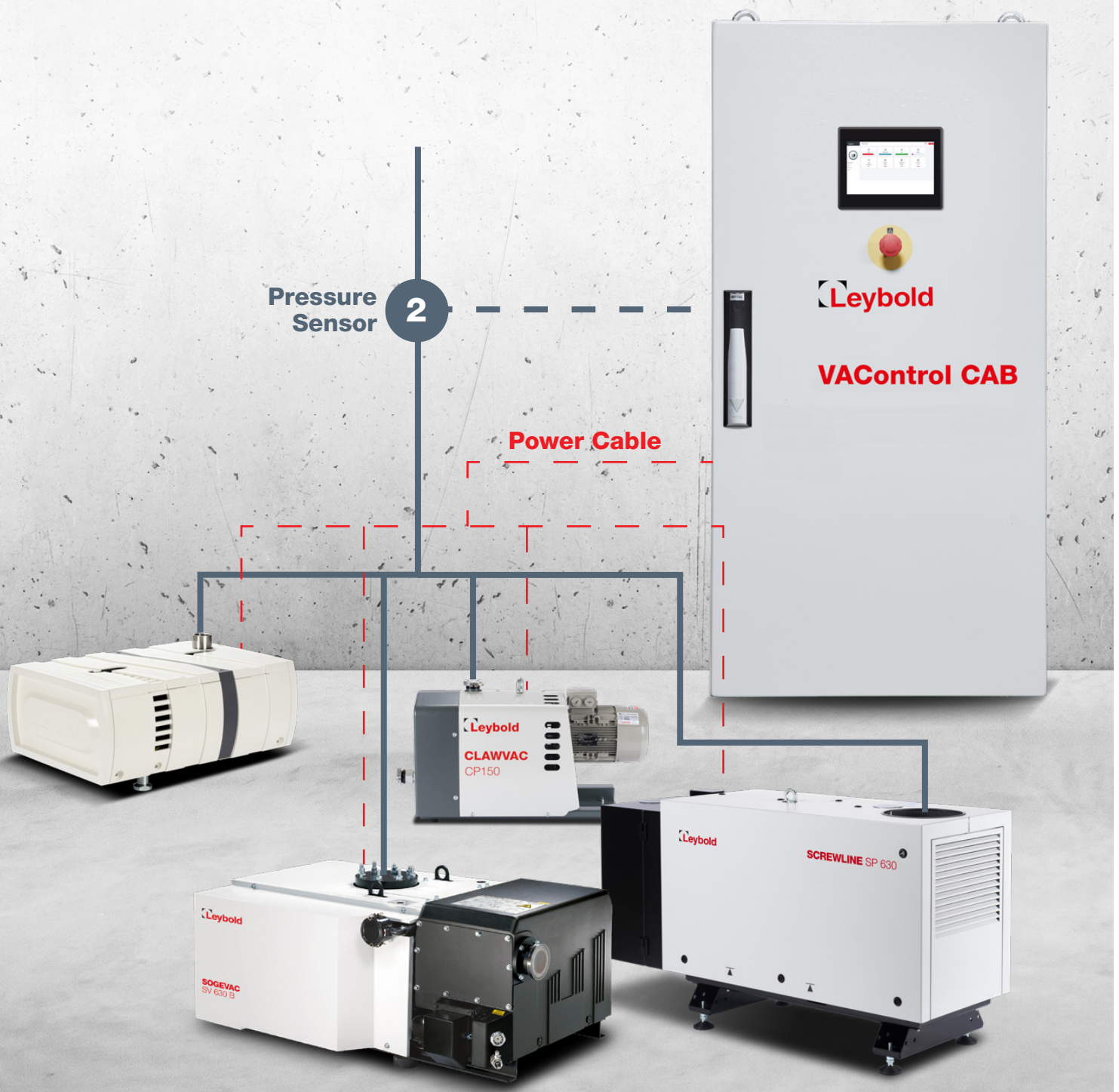
VAControl™ CAB comes with a choice of two main software packages for managing two types of applications:

- 1 Running a Pump & Roots system
- 2 Running pumps on central vacuum

Pressure
Sensor

2

Power Cable



VAControl™ is already available inside the following products:

- NOVADRY SYSTEMS
- VARODRY SYSTEMS
- VACUBE



P/N	Description
10430001v01	Multi-VAControl STD SW SCREEN 10''
10430001v02	WIFI Bolt option
10430001v03	Energy optimization software
10430001v04	Leak test function software
10430100v01	VAControl CAB 1 pump 3kW FC
10430100v02	VAControl CAB 4 pumps 3kW 1FC
10430400v01	VAControl CAB 1 pump 11kW FC
10430400v02	VAControl CAB 4 pumps 11kW 4FC
10431200v01	VAControl CAB 1 pump 22kW FC
10431200v02	VAControl CAB 4 pumps 22kW 2FC