

## Vacuum Controller VACVISION

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Agency: **PRSchulz**



With the new vacuum controller VACVISION and due to its large touch screen panel you have your complete vacuum process safely in mind and also in the forefront. The desired parameters can be set easily and monitored via a simple finger tip.

The new compact VACVISION vacuum controller is equipped with a large TFT graphic display with touch panel. The VACVISION offers intuitive operation, a guided configuration menu (wizard), simple hardware interfacing by color-coded cable connections as well as a plug and play function.

The controller automatically detects one fore vacuum and one high vacuum pump from Oerlikon Leybold Vacuum. Up to 3 active vacuum gauge heads and five valves in total can be connected.

In addition the VACVISION offers the possibility of connecting venting facility, seal gas, heaters and cooling at the turbomolecular pump. The controlling functions include predefined, configurable process set-ups. The signals from the forevacuum transmitters can be utilized to start up the turbomolecular pumps and the high vacuum transmitters. The VACVISION can be installed in a 19" rack or used as a bench top unit. VACVISION offers a platform capable of configuring vacuum systems in different ways and operating these with great flexibility.

### Connectable Components

- Forevacuum pump
- High vacuum pump
- Active vacuum gauges (up to a total of three)
- Valves (up to 2 with checkback signaling and up to 3 without checkback signalling)

### Additional Advantages to the User

- Simple configuring of vacuum systems with utmost flexibility
- Plug and play function
- Color TFT touch panel 4.3-in., 480\*272 pixel
- USB interface (front panel) for software updates and process data transfers
- Interfaces: RS 232/485 and Ethernet
- Automatic control and regulating function
- Relay options for heating pads, shutoff valve, switching signals, etc.
- Highly flexible in utilization

Oerlikon (SWX: OERL) is among the world's most successful industrial high-tech companies focusing on machine and systems engineering. Oerlikon stands for leading industrial solutions and cutting-edge technology in textile production, thin-film solar, thin film coating, propulsion, vacuum and solar technology, as well as Advanced Technology. As a company with Swiss roots, over 150 years of business tradition and approx. 16,000 employees at 157 locations in 36 countries, Oerlikon has evolved into a global player today with sales amounting to CHF 2.9 billion in 2009. The group invests annually over CHF 200 Mio. in research and development. More than 1200 specialist design products for tomorrow. The group is ranked first or second in each of its respective market.

Oerlikon Leybold Vacuum offers a broad range of advanced vacuum solutions for use in manufacturing and analytical processes, as well as for research purposes. The Segment's core capabilities center on the development of application- and customer-specific systems for the creation of vacuums and extraction of processing gases. Field of application is the semiconductor industry, thin films and data storage, analytical instruments and the classic industrial processes.

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