

# VGR - VacuGraph™ Windows® Software

For all Thyracont gauges with digital interface

---



## VACUGRAPH™ SOFTWARE

### Features of the VacuGraph software

- Intuitively operated user interface
- Read out Thyracont measurement gauges and data loggers
- Measurement data exportable as CSV files, e. g. for Microsoft Excel
- Online measurement: track data in real time on your PC
- Several measurement curves can be overlapped, compared, displaced and zoomed in for detailed analysis
- Simultaneous communication with a random number of active gauges
- Wide choice of pressure units e. g. mbar, Pa, Torr, psi, atm, ...
- PC based regulation of control units by entering setpoints
- Logarithmic or linear pressure scales
- Remote control of vacuum controllers (e. g. keyboard lock/unlock of VD12 and VD14, controller active/inactive)
- Convenient leakage calculation by rate of rise measurement: Simply select curve section with the cursor, enter chamber volume and the leakage rate is automatically calculated
- Comfortable setting of all gauge parameters
- Curve illustration and graph headings are easily changeable e. g. for quality assurance records
- Curve parameters are adjustable (legend, grid etc.)
- Various languages available
- Time line either absolute including date and time or relative to the time of measurement
- Mark, comment and print measurement curves
- Either numerical or graphical illustration of measurement values
- Export graphs as pixel or vector graphics
- Firmware Update Assistant: Benefit immediately from newly developed features and update the firmware of your Thyracont gauges simply yourself

# VGR - VacuGraph™ Windows® Software

## For all Thyracont gauges with digital interface



### Features

							
	VD8	VD6	VD12/14	VSR/VSL	VSP/VCP	VSM/VS1	VSH
Measurement data entry	✓	✓	✓	✓	✓	✓	✓
Electronic alignment				✓	✓	✓	✓
Adjustment output signal				✓	✓	✓	✓
Cathode control mode						✓	✓
Controller status		✓	✓				
Degas							✓
Display unit	✓		✓	✓	✓	✓	✓
Filament behaviour							✓
Gas correction factors	✓	✓		✓	✓	✓	✓
Data logger mode	✓						
Maximum operation time	✓						
Keyboard lock		✓	✓				
Relais configuration		✓		✓	✓	✓	✓
Save/load profiles	✓	✓	✓	✓	✓	✓	✓
Value adjustment				✓		✓	✓

# VGR - VacuGraph™ Windows® Software

## For all Thyracont gauges with digital interface

---



### VacuGraph Lite

is a freeware with a limited range of features.

- For an easy configuration of gauge parameters (VD8 compact vacuum meters and Smartline digital vacuum transducers)
- Providing a good overview of features before purchasing a full version licence
- One live measurement tab with measurements up to 5 minutes

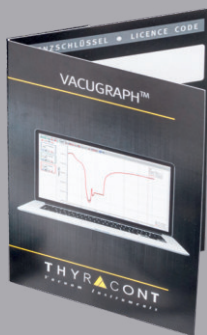
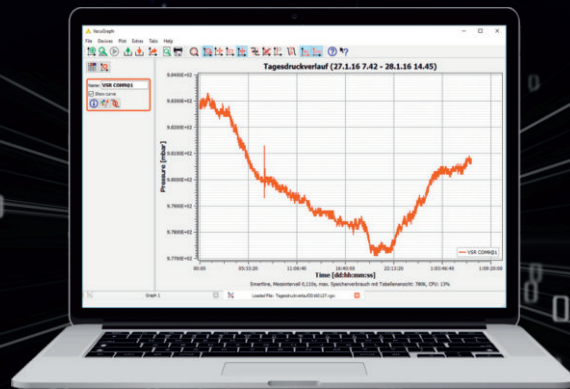
Printing, storing or exporting of measurements as well as reading out the data logger is only possible with a full version licence.

### To activate the full version, follow these steps:

1. Download VacuGraph software: [www.vacugraph.com](http://www.vacugraph.com)
2. Save and execute exe-file
3. To activate the full version (licence code required)  
open VacuGraph > click Help > Activation > enter licence code > click OK  
Unless you enter a licence code, you use the Lite-Version of the VacuGraph software.
4. Click Help > First Start Wizard for the configuration of VacuGraph

# VGR - VacuGraph™ Windows® Software

For all Thyracont gauges with digital interface



## Model designations

- VGR VacuGraph™  
software for Windows, Linux and MacOS,  
download version, single licence
- VGRX3  
software for Windows, Linux and MacOS,  
download version, triple licence

## Accessories:

- SLZUB Accessory set consisting of:  
SLCASE, SLN4, SLKUSB, VGR light version only for gauge  
configuration
- SLKUSB  
Interface converter RS485-USB for Smartline active gauges
- SLKBT  
Interface converter RS485-Bluetooth, for Smartline active  
gauges (Use of VGR with Android possible)
- WUSB0002  
Interface cable, 2m, for gauges with an USB interface (VD8,  
VD6, VD12 and VD14)
- VacuSniff  
Sniffer app for Bluetooth transfer (RS485 bus systems),  
available in Google PlayStore free of charge (Android  
smartphones and tablets)

