

Software get red-y (version 5)

Efficient device management for the thermal mass flow meters & controllers of the red-y smart series

With the **free get red-y software**, users now have **PC access to all connected Vögtlin measuring and control devices**. Beside displaying key information, users can also view and modify various operating parameters.

Thanks to intelligent device monitoring, the software is a perfect service and analysis tool, e.g. to check and adjust settings.



Fig.1 The software get red-y 5 communicates via an USB cable with a red-y smart mass flow controller

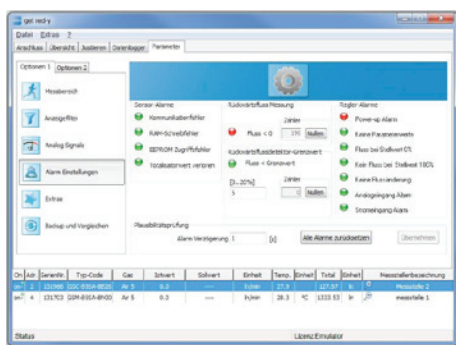


Fig.2 Tab with information on the operating state



Device information

- » Display all key device information, e.g. reading, temperature, total, valve voltage etc.
- » Specify a setpoint for flow and pressure controllers
- » Assign a device name, e.g. name of measuring point ID
- » Change the device address (Modbus, Profibus)
- » Visualization of measured data
- » Adjust the control speed



Operating state monitoring

The software monitors key operating parameters and indicates irregularities such as:

- » Sensor and communication errors
- » Unusual device behavior (instability, contamination, etc.)



Switch measurement units & gas type

- » Select the desired units of measurement
- » For devices that have been calibrated for several different gases (multigas), user can switch to different stored gas data sets



Plug & play with USB cable

Digital communication cable USB/RS485 (PDM-U Art. 328-2169) and versatile cable accessories ensure that measurement and control devices can be operated troublefree from the PC.



Logging & mixing module (optional)

- » Mix gases with fixed percental proportions
- » Master/Slave mixing function
- » Visualize and log all measured data
- » Export as CSV file for further use in MS Excel or similar program



Calibration & adjustment (optional)

The calibration module can be used to check for deviations in the red-y smart series mass flow meters and controllers. The supplemental adjustment module permits manual or automatic adjustment.






System requirements

The get red-y 5 software runs under Windows XP, Vista, 7, 8 & 10. For required hardware, please refer to the operating manual of the software.

➔ **Overview of the software modules on page 2**



			
Software/Modules	Basic	Logging & Mixingmodule ¹	Adjustment-module ¹
Function			
Display device information such as reading, temperature, valve voltage	●	●	●
Totalizer	●	●	●
Specify setpoint & adjust control speed ²	●	●	●
Assign device name	●	●	●
Switch units of measurement	●	●	●
Visualize & adjust PID parameters /Graphic tool	●	●	●
Operating state monitoring	●	●	●
Zoom function ³	●	●	●
Switch analog signals	●	●	●
Reset totalizer	●	●	●
Save device data	●	●	●
Restore device data	6	6	●
Update device firmware	4	4	●
Setpoint delay	●	●	●
Pressure power-up setpoint	●	●	●
Adjust display filter		●	●
Set dynamic range		●	●
Set full scale of measurement range		●	●
Log measurement data		●	●
CSV export of logged measurement data		●	●
Gas mixing		●	
Verify calibration		●	●
Manual adjustment			●
Automatic adjustment ⁵			●
Pricing	Free of charge	On request	On request

On request, other options may be enabled or added (e.g. for OEM applications). Please contact your sales representative for more information.

¹Requires a USB dongle. Multiple modules may be combined on one USB dongle.
²Only flow and pressure controllers *red-y smart controller* & *red-y smart pressure controller*
³Magnifies screen display of momentary flow rate for all connected instruments
⁴Must be released by Vögtlin Instruments AG
⁵Requires a *red-y smart* reference device
⁶Must be released by Vögtlin Instruments AG if < SN160.000 (smart version 6)

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