

# 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

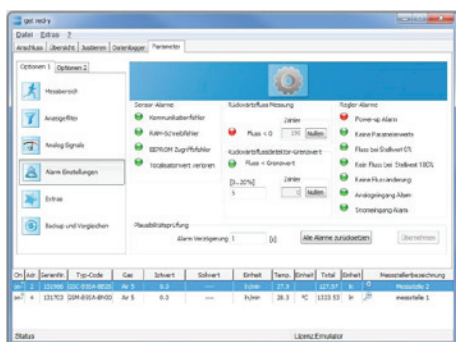


Fig.2 Tab with information on the operating state



## 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 & 8.1. 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 <sup>1</sup>	Adjustment-module <sup>1</sup>
<b>Function</b>			
Display device information such as reading, temperature, valve voltage	●	●	●
Totalizer	●	●	●
Specify setpoint & adjust control speed <sup>2</sup>	●	●	●
Assign device name	●	●	●
Switch units of measurement	●	●	●
Visualize & adjust PID parameters /Graphic tool	●	●	●
Operating state monitoring	●	●	●
Zoom function <sup>3</sup>	●	●	●
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 <sup>5</sup>			●
<b>Pricing</b>	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.

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

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