#### **RIGAMO**

# **Short Description**

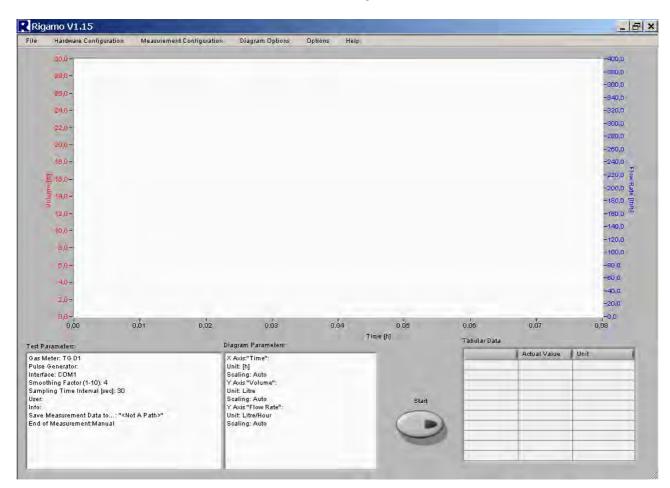
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V 1.15

Rev. 09/06

## Software Features (overview):

- Data Transmission of gas volume and flow rate measured by a Ritter gas meter to the serial interface of a PC (Windows operating system)
- **Display** of the values on the PC-screen.
- Storage of the values
- Print out (separately or in any combination) of
  - o Diagram
  - Test parameters
  - o Measured values in tabular form
- Conversion to Microsoft-Excel format and Export to Excel



#### **System Specification:**

- Ritter gas meter with built-in pulse generator
- Special data transmission cable with integrated copy protection (included in standard scope of supply)
- PC with Windows operation system (Windows 2000 or Windows XP)
- Free serial interface (COM-Port)



# **Ritter**

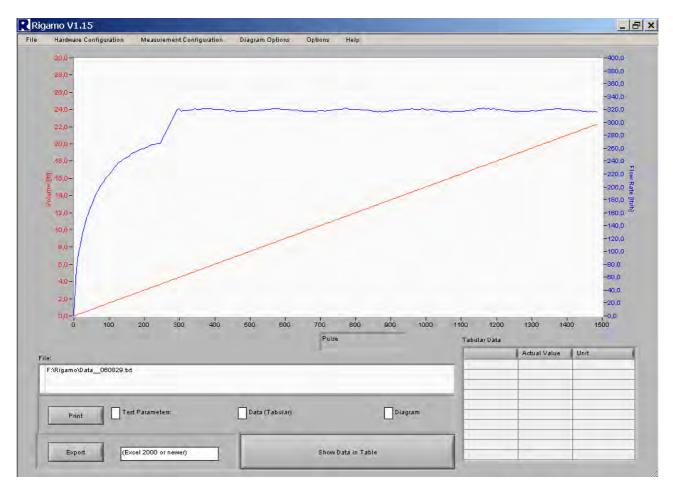
#### **RIGAMO**

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V 1.15 Rev. 09/06

### **Short Description**

Monitor Display of Diagrams (Example): (Volume: red graph, flow rate: blue graph)



## Features:

- Windows-Software
- Data acquisition without any additional hardware by a special data transmission cable from the pulse generator to the serial (COM-) interface of a PC
- Real time presentation of volume and flow rate in a diagram
- Averaging (smoothing) of the values for the flow rate when flow rates are fluctuating (averaging factor selectable)
- Scale of the axis automatically or manually selectable, different units selectable.
  - o X-axis:
    - hours
    - minutes
    - pulses
  - o Y-axis 1 (volume):
    - milliliter [ml]
    - litre [l]
    - cubic meter [m<sup>3</sup>]
    - cubic feet [ft3]

# **Ritter**

#### **RIGAMO**

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## **Short Description**

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- o Y-axis 2 (flow rate):
  - Any combinations of units for flow rates with time units
  - hour [h]
  - minute [min]
- Sampling time interval between two measuring points for data display and storage selectable
- Termination of data acquisition selectable by pre-setting of:
  - Manual ⇒ measurement will be terminated by pressing the button "Stop"
  - o Time (min) ⇒ measurement will be terminated after a pre-selected time
  - Number of pulses ⇒ measurement will be terminated after a pre-selected number of pulses
  - Number of drum revolutions ⇒ measurement will be terminated after a pre-selected number of drum revolutions
- Export of the stored data to Excel is possible.

#### Data export to Excel:

