

THERMAL MASS FLOW RED-Y

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SPECIFICATIONS

Precise measurement and stable regulation of behavior are important if the quality of gas mixtures is to be maintained at a high level. Our thermal mass flow rate regulators permit both master-slave mixtures (a master gas to which a specified proportion of an additional gas is added) and gas mixtures with fixed percentage proportions.



CMOS SENSOR TECHNOLOGY

By using high-precision CMOS technology (semiconductor sensors) our thermal measurement and control devices are setting new standards in response behavior and measurement accuracy, and feature a previously unknown dynamic measurement range.

VERSATILE APPLICATION

The principle by which thermal mass measurement operates is ideally suited to the measurement of gas flow rates. One of its key advantages is that the measurement is largely independent of pressure and temperature. Unlike volumetric methods, it is not necessary to take an additional, separate measurement of the pressure and temperature.

FEATURES

- * Very accurate and fast regulation
- * High repeatability
- * Calibration with the actual gas
- * High savings possible with mixed gases
- * Independent of temperature and pressure
- * Easy maintaining and servicing

APPLICATIONS

- * Burner control (furnace construction)
- * Calibration of instruments (laboratories)
- * Gas atmospheres in laser equipment
- * Analyzer calibration (analytical work)
- * Preparation of test gases

GAS FLOW MEASURING SOFTWARE

With the free software 'get red-y', the thermal mass flow meters and flow controllers of the red-y smart series easily communicate with your computer:

With a mouse click, you define the function parameters, record measuring data and optimize your application in just a few steps!

WHAT 'GET RED-Y' HAS TO OFFER:

- Reading the actual values (flow-through, temperature)
- Reference value default
- Adjusting the control parameters
- Changing gases
- Graphic display of actual value, set point, valve tension
- Recording of measuring data via a logging functions
- Totalizer
- Scanning the bus structure
- Changing the device addresses
- Serial interface RS-232
- Runs on all computers with Windows NT/2000/XP

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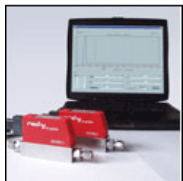
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*Tough, Durable,
Rugged, Reliable,
Stout Construction*

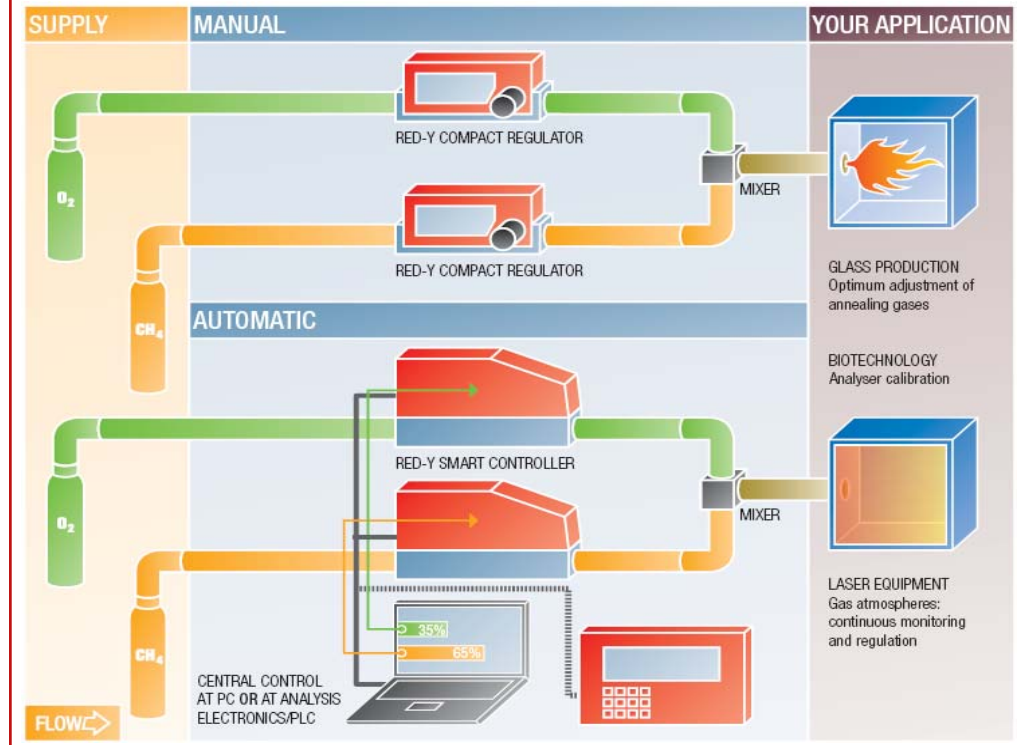
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Control.**

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DIAGRAM



TERMS AND CONDITIONS

PAYMENTS AND TERMS

Prices quoted are good for 30 days unless otherwise noted. Thermal Mass Flow accepts cash, check, wire transfer, or credit cards. All prices are quote in US Dollars, unless otherwise noted. All sales are final. All freight is FOB, Las Vegas, Nevada unless otherwise noted. All goods remain the property of Thermal Mass Flow until paid in full. Payment is due at time of order unless credit has been granted. All past due accounts accrue a service fee of 3% per month. Thermal Mass Flow is a DBA of Komodo Enterprises, Inc., a Nevada Corporation.

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