



**In-system Gas Mixer** is a new generation of intelligent low-flow Gas mixer with a Mass Flow Controller for each gas and a built-in programmable display.

- Available as 2 gas mixers and as 3 gas mixers.
- Flow between 0.1 to 1.2 liters/min for each gas.
- Microprocessor control of gas mixture with PWM (Pulse Width Modulation).
- Automatic monitoring and alarm in case of gas failure.
- Touch programming on front panel, optional display color for background and text.
- Optional analogue outputs and potential free relays for alarms.
- Possibility of password protection.
- RS-485 data communication.

#### Description:

- Intelligent low-flow gas mixer with Mass Flow Controller for each gas and with a built-in display, which can be individually programmed on the front of the display.
- Is fully electronic and has extremely high gas mixing accuracy.
- A 3-gas mixer can be used directly as a 2-gas mixer or simply as a flow control of a single gas.

#### Example of application:

Processes in industry or laboratories where an accurate and constant mixing ratio of 1, 2 or 3 gases is desired.

- Process control where dosing with a constant mixing ratio and flow is desired.
- Laboratory measurements where extreme mixing conditions are desired.
- All kinds of gas mixture in the chemical, metallurgical and medical industry, research and development.

#### Technical data:

- Supply: 110-230 VAC via separate adapter with EU plug. (Supplied with the delivery).
- Dimensions and weight: HxWxD - 60x190x160 mm, weight 1.1 kg
- Flow: 0.1-1.2 l / min for each gas.
- Mixing accuracy: <0.5%.
- Automatic pressure and temperature compensation.
- Gas pressure inlet: 1-7 bar.
- Temperature: Gas: 10-50 ° C. Ambient: 10-50 ° C.