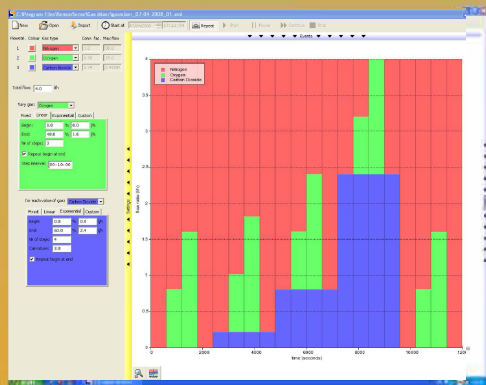
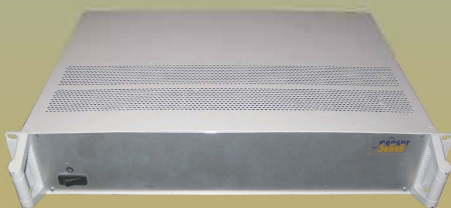




HIGHLY SENSITIVE DETECTORS

Gas Mixer

Controls gas composition and flows for micro biological experiments



Controlling the composition and flow of your gas mixture can be vital for successful measurements. This robust device, in combination with its user friendly software, ensures effortless control over your gas flow.

The gas mixer is suitable for on-line research on small amounts of biological samples under controlled gas composition conditions. It mixes up to three gases in set compositions. With the *Gas-Mixer Software* you can easily create concentration schedules and cycles. DLL control is also available.

The gas mixer operates as a stand-alone device.

Technical Data

Gases	Calibrated for mixing of three gases (e.g. N ₂ , O ₂ , CO ₂ , etc.)
Flow controllers	max. 0-50 l/h min. 0-600 ml/h
Accuracy	0.2% FS for all gases
Response Time (T_{1/e})	300 ms
Gas supply overpressure	0.5-5 bar
Gas filter	Filters particles >7µm
Dimensions	50x40x10cm (LxWxH) (19" rack configuration, 2U)
Operating temperature	5-40 °C
Humidity	0-95 % (non-condensing)
Power input	90-264 VAC, 47-63 Hz
Power Consumption	< 40 W
Gas inputs/output	1/8" Swagelok

Interface

Output	USB
Control	- Sensor Sense® Gas Mixer software Compatible with MS Windows XP or higher Min. 1 GHz, 512 MB RAM - .DLL for integration in other software

Sensor Sense B.V.
St. Agnetenweg 103
6545 AV Nijmegen
The Netherlands

T: +31 (0)6 21662881

sales@sensor-sense.nl
www.sensor-sense.nl