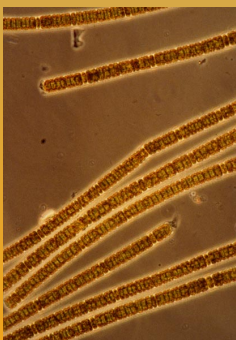
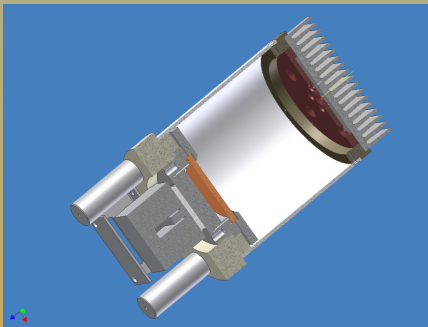




Mini incubator

Controls gas composition, temperature and light intensity for micro biological experiments

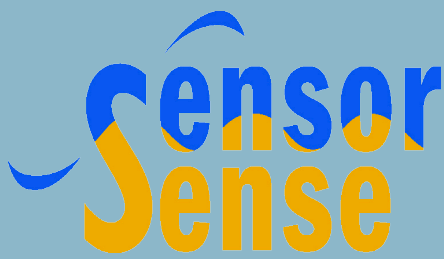


Sensor Sense specializes in compact, highly sensitive trace gas detectors. Our user friendly detectors are robust and have a fast response time. This makes them suitable for real time measurements.

The compact mini incubator is suitable for on-line investigations on small amounts of biological samples under different light, temperature and gas composition conditions.

- Ideal for microbiology or cells culture applications
- Sea water resistant sample cell (e.g. for cyanobacteria)
- Includes gas mixer for three gases
- External dimensions: diameter 12 cm, height 24 cm
- Excellent temperature and light stability and uniformity
- Wide temperature range from 0°C to 45°C
- Light intensity from 0 to 1400 $\mu\text{mol m}^{-2} \text{s}^{-1}$
- Computer programmable

The mini incubator is designed to be used in combination with the ETD-300, however, it can also be operated as a stand alone device.



Datasheet

Technical Data

Gases*	Combination of up to 3 user defined gases * Maximum of 6 gases on request
Flow	User defined in l/h
Accuracy	0.2% FS for all gases
Number of flow channels	6
Modes	Continuous flow, stop and flow
Response Time ($T_{1/e}$)	300 ms, depending on cuvettes
Gas supply pressure	0.5-4 bar
Over pressure valve	Opens at 5 bar
Gas filter	Filters particles $>7\mu\text{m}$
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	<60 W
Gas input/output	Quick fitting connectors for 1/8" OD tubing

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