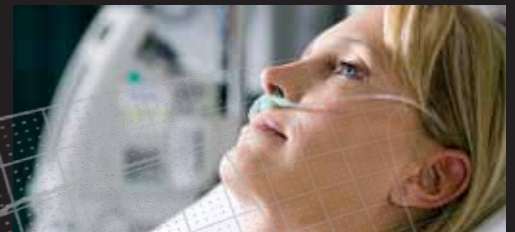
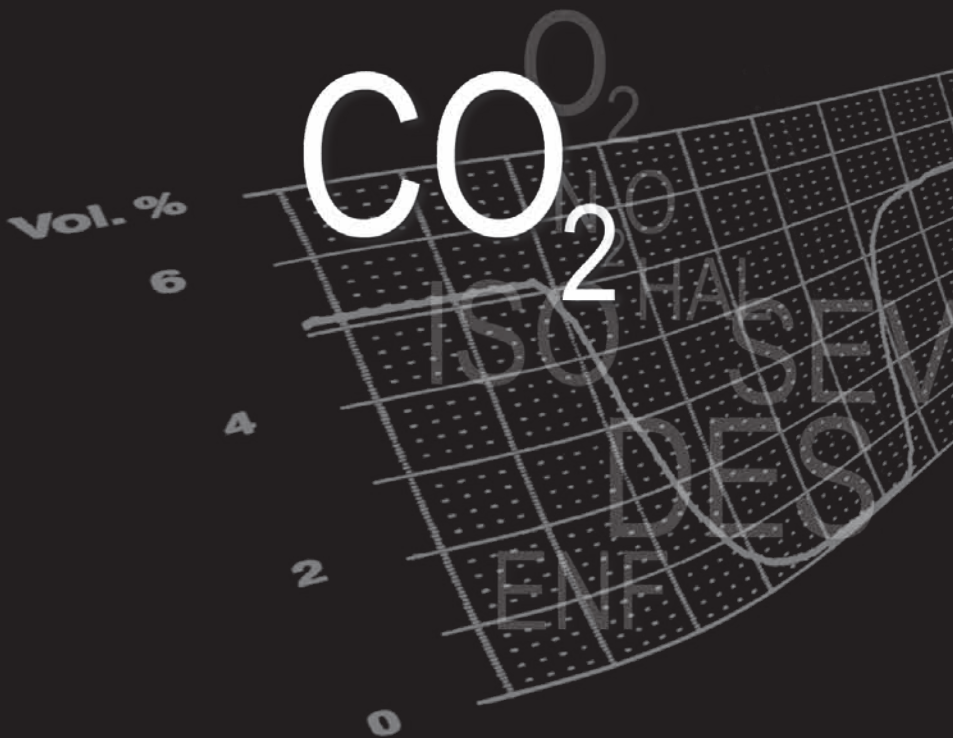


PLUG-IN AND MEASURE...™ – Capnography

- 50 ml/min sampling flow
- Ultra fast rise time
- Up to 150 bpm respiratory rate

For accurate and continuous measurement of CO₂ concentrations and respiratory rate. Provides valuable information on a patient's condition and for ventilator management and weaning. A perfect choice for diagnosis and respiratory therapy on adults to infants. Available in sidestream and mainstream versions.



Technical Specifications



General

Description: Ultra compact mainstream and sidestream analyzers, for measurement of patient respiratory gases.

Weight: IRMA CO₂: 25 g, ISA CO₂: 130 g (cable excluded)

Size: IRMA CO₂: 38 x 37 x 34 mm (1.49 x 1.45 x 1.34 inches), ISA CO₂: 33 x 78 x 49 mm (1.3 x 3.1 x 1.9 inches)

Operating temperature: IRMA CO₂: 0 to 40 °C (32 to 104 °F), ISA CO₂: 0 to 50 °C (32 to 122 °F)

Storage: IRMA CO₂: -20 to 50 °C (-4 to 122 °F), ISA CO₂: -40 to 70 °C (-40 to 158 °F)

Humidity: 10 - 95 %, non-condensing

Atm.pres.: 525 - 1200 hPa (4572 m)

Gas Analyzer

Calibration: No routine calibration is required. For the ISA CO₂, an automatic zero reference calibration is performed once every start up and once every 24 hours.

Compensation: Pressure, temperature and broadning effects on CO₂

Warm-up time: 10 sec, full specifications within 60 sec

Patient connections

IRMA Airway adapter Adult/Pediatric: 6 ml dead space

IRMA Airway adapter Infant: 1 ml dead space

Nomoline: Sampling line with luer lock connector, 2 m

Gases

The accuracy of all measurement values is according to the requirements of EN ISO 21647:2004 and EN 864:1996

During standard conditions:

| | Range | Accuracy |
|-----------------|-------------------------|-------------------------------|
| | (IRMA CO ₂) | |
| CO ₂ | 0 - 15 % | ± (0.2 vol% + 2 % of reading) |

Rise Time: IRMA CO₂ < 90 ms, ISA CO₂: < 200 ms

Total system response time: IRMA CO₂ < 1 sec, ISA CO₂ < 3 sec

Breath detect: Adaptive threshold, minimum 1 vol% CO₂ change

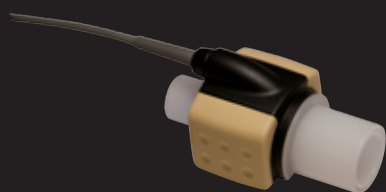
Respiratory rate: 0 - 150 bpm ± 1 bpm.

Certifications

CE marked according to the 93/42/EEC Medical Device Directive

Data subject to change without notice

Mainstream analyzer: IRMA CO₂



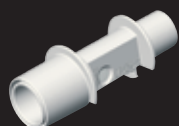
IRMA CO₂
(CO₂)
CAT.NO. 200101

Sidestream analyzer: ISA CO₂

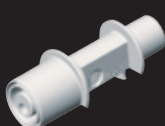


ISA CO₂
(CO₂)
CAT.NO. 800101

Accessoires



IRMA Airway Adapter
Adult/Pediatric
Box of 25
CAT.NO. 106220



IRMA Airway Adapter
Infant
Box of 10
CAT.NO. 106260



IRMA Holder Velcro
CAT.NO. 100250



Nomoline with Luer Lock connector
Box of 25
CAT.NO. 108210



ISA Analyzer Modura Holder
CAT.NO. 100840