Option CapnoPlus*/CO₂**

The CapnoPlus/CO₂ option provides CO₂ mainstream measurement for ventilated patients and is designed for use with Evita® Infinity® V500, Evita® V300, Savina® 300 Classic, Savina® 300 Select and Evita® XL, Evita® 4 edition, Evita® 2 dura

Your benefits with CO₂ mainstream measurement:
- quick and easy non-invasive CO₂ measurement¹
- display of CO₂ values as end tidal CO₂ concentration and continuous CO₂ curves
- values such as CO₂ production (VCO₂), dead space (Vds) and the pulmonary dead space fraction (Vds/Vte) are also available

CO₂ MEASUREMENT
Within the expiration phase, CO₂ is one of the most important parameters, providing valuable information on the efficacy of ventilation, gas exchange and metabolism.² Therefore, continuous monitoring of CO₂ concentrations can serve as an early warning system with regard to changes in the acuity level of critically ill patients.³ The mainstream infrared absorption measurement of CO₂ directly at the Y-piece provides reliable data which are displayed in real time on the ventilator screen.

WHY CAPNOPLUS/CO₂?
CapnoPlus/CO₂ offers more than just CO₂ measurement.
- display capnometry and capnography simultaneously, together with other patient parameters such as flow, volume/pressure curves and data⁴,⁵
- enhance patient safety with individually adjustable CO₂ alarm settings and optimized ventilation management
- obtain accurate measurements via the CapnoSmart sensor even under challenging conditions, such as during active circuit humidification
- avoid gas leakage and resulting misrepresentation of ventilation settings
- rapidly verify patient CO₂ values with direct sensor control via the reference filter
- perform zero calibration at the parc holder without disconnecting the patient from the ventilator
- combine CapnoPlus/CO₂ with optional mask ventilation (NIV/NIVplus) for real time CO₂ monitoring even during NIV
- take full advantage of the automated weaning protocol SmartCare®/PS for Evita® Infinity® V500, Evita® V300 and Evita® XL when you choose the CapnoPlus option

¹ Bongard F, Sue D.: Pulse oximetry and capnography in intensive and transitional care units. West J. Med. 1992 Jan; 156(1); 57-64
³ St. John RE.: End-tidal carbon dioxide monitoring Crit Care Nurs Vol 23, No. 4, August 2003; 83-88
⁴ AARC Guideline: Capnography/Capnometry during Mechanical Ventilation-2003 revision and update: Respiratory Care, May 2003 Vol. 48 No. 5
⁶ Depending on ambient and ventilation pressure, the actual upper value, when indicated in Vol.%, can be lower than the upper value displayed.
⁷ STPD: Standard Temperature, Pressure, Dry. Measured values based on standardized physical conditions: 0 °C (32 °F), 1013 hPa, dry gas
CO₂ ACCESSORIES

– For the CapnoPlus/CO₂ option, Dräger offers reusable as well as disposable CO₂ cuvettes for adult and pediatric patients

– The patented design of the disposable CO₂ cuvette delivers the same performance as the reusable type, but without the additional cost of time consuming sterilization protocols.

TECHNICAL DATA

Option CapnoPlus/CO₂

CO₂ measurement in main flow

End-expiratory CO₂ concentration (etCO₂) Range 0 to 100 mmHg, or 0 to 15 Vol. %, or 0 to 13.3 kPa

Vd*** Range 0 to 999 mL, BTPS

CO₂ production (VCO₂)*** Range 0 to 999 mL/min, STPD

Monitoring Capnometry and capnography

ORDER INFORMATION

CapnoPlus – option order via Evita® product configuration

CapnoPlus – retrofit kit order no. 84 14 240

CO₂ monitoring – option order via Evita® Infinity® V500 product configuration

CO₂ monitoring – retrofit kit order no. 84 16 200

CO₂ monitoring – option order via Evita® V300 product configuration

CO₂ monitoring – retrofit kit order no. 84 20 420

CO₂ monitoring – option order via Savina® 300 Select product configuration

CO₂ monitoring – retrofit kit order no. 84 14 150

CO₂ monitoring – option order via Savina® 300 Classic product configuration

CO₂ monitoring – retrofit kit order no. 84 14 150

*** not available for Savina® 300 ventilators

From left to right:

Disposable CO₂ cuvette, pediatric

Disposable CO₂ cuvette, adults

Reusable CO₂ cuvette, pediatric

Reusable CO₂ cuvette, adults

Not all products, features, or services are for sale in all countries.

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