

Infinity® etCO₂ pod

The Infinity® etCO₂ pod provides mainstream and sidestream measuring capabilities, enabling you to monitor adult, pediatric and neonatal* patients with the same unit. The pod uses a lightweight, reusable sensor and non-dispersive infrared technology to measure end-tidal (expired) CO₂ in respiratory gases – giving you a sensitive and accurate patient monitoring tool. Designed for use with Infinity Delta, Delta XL, Gamma XL, Kappa and Kappa XLT monitors, the pod offers easy on-and-off connection to move easily from monitor to monitor.

Features

- Uses non-dispersive infrared technology to determine etCO₂ from respiratory gases
- Provides mainstream and sidestream capabilities
- Supports adult, pediatric and neonatal* patients

Measuring Capabilities

Displayed parameters	etCO ₂ , iCO ₂ , respiration rate (RRc)
Measuring method	Dual-wavelength, non-dispersive infrared absorption
Measuring capabilities	Mainstream and sidestream*
Measuring range	0 to 99 mmHg CO ₂ partial pressure
Sampling flow rate	180 ml ±12 ml (sidestream measuring mode)
Warm up	≤ 5 min (at 25 °C)
Calibration	Verify once a day; calibrate if sensor is moved from one pod to another
Calibration time	< 20 sec

Accuracy

0 to 40 mmHg	±2 mmHg
41 to 70 mmHg	±5% of reading
71 to 100 mmHg	±8% of reading

Respiration

Measuring range	0 to 149 breaths/min (mainstream) 0 to 69 breaths/min (sidestream)
Accuracy	±1 breaths/min

* Neonatal monitoring with mainstream configuration only



TECHNICAL DATA

Compensation

Atmospheric pressure	Automatic or user-selectable, 540 to 800 mmHg
Alarms	User-selectable upper alarm limit settings for etCO ₂ , iCO ₂ and respiration rate; user-selectable lower alarm limit settings for etCO ₂ and respiration rate

Product Specifications

Connectors	Sensor connector, female luer sidestream sampling port, male luer sample exhaust port
Airway adapter dead space	Adult/Pediatric < 5.0 cc Neonatal < 0.5 cc
Moisture resistance	Airway adapter can be immersed in water without damage
Power source	Powered directly from monitor

Dimensions

Pod	140 x 140 x 51 mm (5.5 x 5.5 x 5.2 in.)
Capnostat® sensor	33 x 42 x 22 mm (1.3 x 1.7 x 0.9 in.)

Weight

Module	0.5 kg (1.1 lb)
Sensor	18g (0.63 oz)

Note: Sensor size/weight excludes cable

Environmental Requirements**Temperature range**

Operating	10°C to 40°C
Storage	-20°C to 50°C

Relative humidity

Operating	20% to 90%, non-condensing
Storage	10% to 95% (with packaging)

Atmospheric pressure

Operating	525 to 795 mmHg (70 to 106 kPa)
Storage	375 to 795 mmHg (50 to 106 kPa)

Gas compensation

Gas balance	User-selectable
Anesthetic agent compensation (OR mode only)	User-selectable

Ordering Information

etCO ₂ Pod Kit	7265114
Includes: etCO ₂ Pod, connection cable (3m), pole mount, etCO ₂ Capnostat sensor, adult etCO ₂ Airway Adapter	
etCO ₂ Pod	5740738
Includes: etCO ₂ Pod, connection cable (3m), and IV pole mount	

For a complete list of Dräger Medical approved accessories, please contact your local Dräger Medical representative.

Standards

Free Fall: IEC68-2-32, Operational after 20 drops from 1 meter
Operational Shock: IEC68-2-2750G Peak, half sine, 11 msec
Sinusoidal Vibration: IEC68-2-6, 2G Peak

Capnostat® is a registered trademark of Respirationics

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The quality management system at Dräger Medical Systems, Inc. is certified according to ISO 13485, and Annex II of Directive 93/42/EEC (Medical devices).