

Infinity[®] etCO₂ Microstream[®] SmartPod[®]

The Infinity etCO₂ Microstream SmartPod provides state-of-the-art sidestream capnography on intubated and non-intubated patients, producing a crisp, accurate waveform and reading on all types of patients. This technology offers superior moisture and secretion handling, making etCO₂ monitoring easier and more practical to use – especially for non-intubated patients.



FEATURES

- Provides sidestream capnography on intubated and non-intubated patients
- Uses a built-in CO₂ sensor and non-dispersive infrared spectroscopy technology
- Accurately measures etCO₂ in a wide range of clinical environments

TECHNICAL DATA

Measuring Capabilities

Displayed parameters	Sidestream etCO ₂ , iCO ₂ and respiration rate (RRc) (for intubated or non-intubated patients)
Measuring method	Dual-wavelength, non-dispersive infrared spectroscopy
Measuring capabilities	Adult, pediatric or neonatal Sidestream
etCO ₂ measuring range	0 to 99 mmHg (0 to 13.2 kPa or 0 to 13 vol % at sea level)
Warm up	≤20minutes (during the warm-up period values and waveform are displayed)
Calibration	Every 12 months or 4,000 operating hours
Zeroing	Automatic (certain conditions apply)
Sampling flow rate	50 ml/min (+15 or -7.5 ml/min)

etCO₂ Accuracy

From power up to 20 minutes	
0 to 38 mmHg	±4 mmHg
39 to 99 mmHg	±12% of reading
After 20 minutes	
0 to 38 mmHg	±2 mmHg
39 to 99 mmHg	±5% of reading or +0.08% for every 1 mmHg (above 40 mmHg)



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CONTINUING TECHNICAL DATA**Respiration Rate**

Measuring range	0 to 150 breaths per minute (bpm)
Accuracy	0 to 40 bpm ±1 bpm 41 to 70 bpm ±2 bpm 71 to 100 bpm ±3% 101 to 150 bpm ±5%

Compensation

Atmospheric pressure	Automatic
Alarms	User-selectable upper and lower alarm limit settings for etCO ₂ , and respiration rate Upper alarm level for iCO ₂

PRODUCT SPECIFICATIONS**Airway adapter dead space**

Adult/Pediatric	< 7.3 cc
Neonatal	< 0.5 cc

Physical Specifications

Size (H x W x D)	140 x 140 x 51 mm (5.5 x 5.5 x 2 in.)
Weight	0.476 kg (1.05 lbs) without cable and cannula.
Degree of protection against water ingress	IPX 1 (per IEC60529)
Power source	Powered directly from monitor
Connectors	Sidestream sampling port, male luer sample exhaust port

Environmental Requirements**Temperature Range**

Operating	0° C to 50° C (32°F to 122°F)
Storage	-20° C to 70° C (-4°F to 158°F)

Relative Humidity

Operating	10% to 95%, non-condensing
Storage	10% to 95% with packaging

Atmospheric Pressure

Operating	430 to 795 mmHg (57 to 106 kPa)
Storage	430 to 795 mmHg (57 to 106 kPa)

Standards

IEC 60601-1 and applicable particular and collateral standards, IEC 60601-1-2, Electromagnetic compatibility CISPR 11, Class B. ISO 21467: Medical electrical equipment - capnometers for use with humans - particular requirements Infinity etCO₂ Microstream Pod complies with the Medical Devices Directive (MDD) 93/42 EEC and bears the CE mark.

ORDERING INFORMATION

Infinity etCO ₂ Microstream Pod	7870947
(Includes 3m pod comm cable and universal pole mount)	

For use with Infinity Delta, Delta XL, Kappa, Kappa XLT and Siemens SC 7000, SC 8000, and SC 9000XL monitors with VF3 software or higher.

The Siemens SC 7000, SC 8000 and SC 9000XL monitors with a software level below VF4 and the following hardware revisions require a memory expansion board: SC 7000 below 14, SC 8000 below 17 and SC 9000XL below 6.

Memory expansion board for Siemens SC 7000, SC 8000 and SC 9000XL	7494557
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Contact your local Dräger sales representative for further ordering information

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