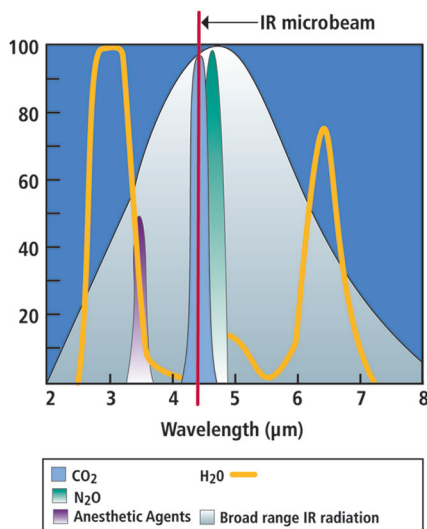




Microcap™ Handheld Capnograph



Patented Molecular Correlation Spectroscopy™ technology uses a highly specific infrared microbeam to provide an accurate measurement of a patient's ventilation.

The Microcap handheld capnograph with Microstream®-enabled technology provides an accurate, reliable and easy-to-use assessment of your patient's respiratory status, whether intubated or non-intubated, in any clinical setting.

Accurate measurement technology

- Accuracy 0-38 mmHg ± 2 mmHg, 39-99 mmHg $\pm 5\%$ of reading
- IR-based technology that is CO₂ specific
- Unaffected by the presence of other inhaled gases
- Clear, crisp, waveforms and accurate respiratory rates
- Fast on power-up; fully accurate at first reading
- Low sampling flow rate of 50 ml/min, required for neonates

Versatile design for fast, simple set up and use

- A single, integrated sensor is engineered for use with all patient populations in all clinical environments
- Offers the option to switch between patient types without re-zeroing or re-calibration
- Rugged and cost effective—no expensive external sensor or cable to damage

Broad CO₂ sampling line portfolio

- A wide array of sampling lines to meet clinical needs—longer-term monitoring, high humidity environments, adult, pediatric and neonate patient types, both intubated and non-intubated, with or without supplemental oxygen delivery



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A complete set of interface and connectivity options

- Nurse Call Interface provides remote alarm connectivity to existing call system
- Bernoulli MSM wireless technology platform enables data transfer to central monitoring systems
- Interfaces with Philips (via VueLink) and Spacelabs (via Flexport^{®*}) monitoring systems

Specifications and Accessories

CAPNOGRAPHY

Display Range:	0-99 mmHg 0-13.0 Vol % 0-13.2 kPa
Sampling flow rate	50 ml/ min
Warm-up time	30 seconds typical
Accuracy	0-38 mmHg \pm 2 mmHg 39-99 mmHg \pm 5% of reading
Respiratory rate	0-150 breaths/min
Modes	Adult, neonatal
Alarms	Adjustable alarm limits for etCO ₂ , FiCO ₂ , and respiratory rate
Display	Graphic LCD display (128 x 64 dots) with LED backlight (contrast and backlight control); Bright, seven-segment LED for numeric display of etCO ₂ and respiratory rate; Two color alarm bar
Nurse Call and Bernoulli MSM	RS232 interface between monitor and remote systems. Nurse Call System can be easily wired via stereo phone jack.
Interface Compatibility:	Microcap [™] only - one parameter (v3.15 and higher): Output to Philips CMS 2001, V24, V26 via VueLink A01 and A05. Output to Spacelabs Ultraview ^{®*} , PCMS ^{™*}

MONITORS

Microcap [™]	North America/U.S.	CS04178
	Outside North America/Non-U.S.	CS04179

STANDARDS AND REGULATIONS

EN 60601-1, EN 60601-1-2, EN ISO 21647 (capnography), UL60601-1, CSA C22.2 No.601.1-M90, applicable parts of EN 1789 (when used with protective boot), CE mark and 510(k) cleared

FILTERLINE[®] ETCO₂ SAMPLING LINES

FilterLine[®] CO₂ sampling line solutions are available for all patients, whether intubated or non-intubated, in any clinical setting. The unique Microstream patient interfaces reliably sample oral and nasal breathing, even in the presence of supplemental O₂.

ACCESSORIES

Product Name	Part Number
Carrying Case	CS04321
Monitor Protective Boot	CS07779
Clamp/Mounting Bracket	CS03743
Rechargeable Battery Pack (replacement for original battery pack)	CS03736
Medical Grade AC Adapter (replacement for original AC adapter)	
US	CS04934
EU	CS08610
12 Volt cable	CS08505
D to A Converter (typically used to interface to sleep labs)	CS07143
Communication Adapter Kit	CS04284
MSM Interface Kit (Bernoulli, Oxinet)	CS08644
Nurse Call Interface Kit	CS08642

Specifications subject to change without notice.

Microstream, Microcap, and FilterLine are registered trademarks and Molecular Correlation Spectroscopy and Uni-junction are trademarks of Oridion Medical 1987 Ltd. The capnography component of this product is covered by one or more of the following US patents: 6,428,483; 6,997,880 ; 6,437,316; 7,488,229; 7,726,954 and their foreign equivalents.

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