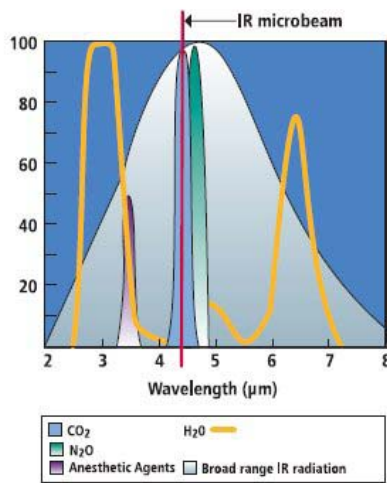




Advantage Oridion® Microcap®

Provides the earliest indication of airway compromise for effective airway management

Microcap® • Microcap® Plus



Patented technology (Molecular Correlation Spectroscopy (MCS™)) uses a highly specific infrared microbeam to provide a precise measurement of your patient's ventilation.

Microstream®
CAPNOGRAPHY SOLUTIONS
When every breath counts



Microstream® capnography delivers effective, proven airway management by providing the earliest indication of airway compromise. The superior technology of Microstream portable capnographs, Microcap® (EtCO₂) and Microcap® Plus (EtCO₂ and SpO₂), provides an accurate, reliable and easy to use assessment of your patient's breathing quality, whether intubated or non-intubated, in any clinical setting.

Features and Benefits

Easy to use

- Molecular Correlation Spectroscopy (MCS™) eliminates the need for time consuming manual calibration and zeroing
- No additional water traps
- No need to flush monitor between patients

Accuracy and Reliability

- No external sensor required
- No cross sensitivity when using O₂, N₂O, He and other gases
- Accurate in a wide range of temperature environments
- Smart sampling technology provides superior oral/nasal sampling, reduces nuisance alarms

Safety

- FilterLine® provides a bacteria barrier preventing exhaled moisture and air-borne contamination from entering the monitor

Versatility and Speed

- Use for any patient population from neonate to adult
- Portable system can be used in Rapid Response Teams, Critical Care, Emergency Rooms, Emergency Transport, General Floor
- Switch quickly between intubated and non-intubated patients; simply attach the airway sampling line; no sensors to find or change
- Fast warm-up time

Interfaces and Connectivity **NEW**

- Nurse Call Interface provides remote alarm connectivity to existing call system
- Bernoulli MSM wireless technology platform for data transfer from Microstream® handheld to central monitoring systems
- Interfaces with Philips (via VueLink) and Spacelabs (via Flexport®) monitoring systems



Specifications

Capnography

Display Range:	0-99 mmHg 0-13.0 Vol % 0-13.2 kPa
Sampling Rate:	50 ml/min
Warm-up Time:	30 seconds typical, reaches $\pm 5\%$ steady-state accuracy within 3 minutes
Accuracy:	0-38 mmHg ± 2 mmHg 39-76 mmHg $\pm 5\%$ of reading 77-99 mmHg $\pm 8\%$ of reading
Respiration Rate:	0-150 breaths/minute
Modes:	Adult, Neonate
Alarms:	Adjustable alarm limits for EtCO ₂ , FICO ₂ , and Respiration Rate with audio level as defined in ISO 9703-2 standard
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 respiration 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™, PCIS™, UCW®, and PC Scout® via Flexport 0152 and 0555

Pulse Oximeter

Display Range:	SpO ₂ Saturation 0%-100% Pulse Rate 20-250 beats/minutes
Accuracy:	Adults 70%-100% ± 2 digits, 0-69% unspecified Neonate 70%-100% ± 2 digits, 0-69% unspecified

Monitors

Microcap®

North America/U.S.	CS04178
Outside North America/Non-U.S.	CS04179

Microcap® Plus

North America/U.S.	CS08506
Outside North America/Non-U.S.	CS08507

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
Battery Charger (external battery charger)	CS03755
Battery Pack Carrying Pouch	CS03732
Medical Grade AC Adapter (replacement for original AC adapter)	CS04934
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

Standards and regulatory status

EN 60601-1, EN 60601-1-2, EN ISO 9919 (pulse oximetry), EN IEC 60601-1-8, UL60601-1, CSA C22.2 No.601.1-M90, CE mark and 510(k)cleared

FilterLine® CO₂ sampling lines

FilterLine® EtCO₂ 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.