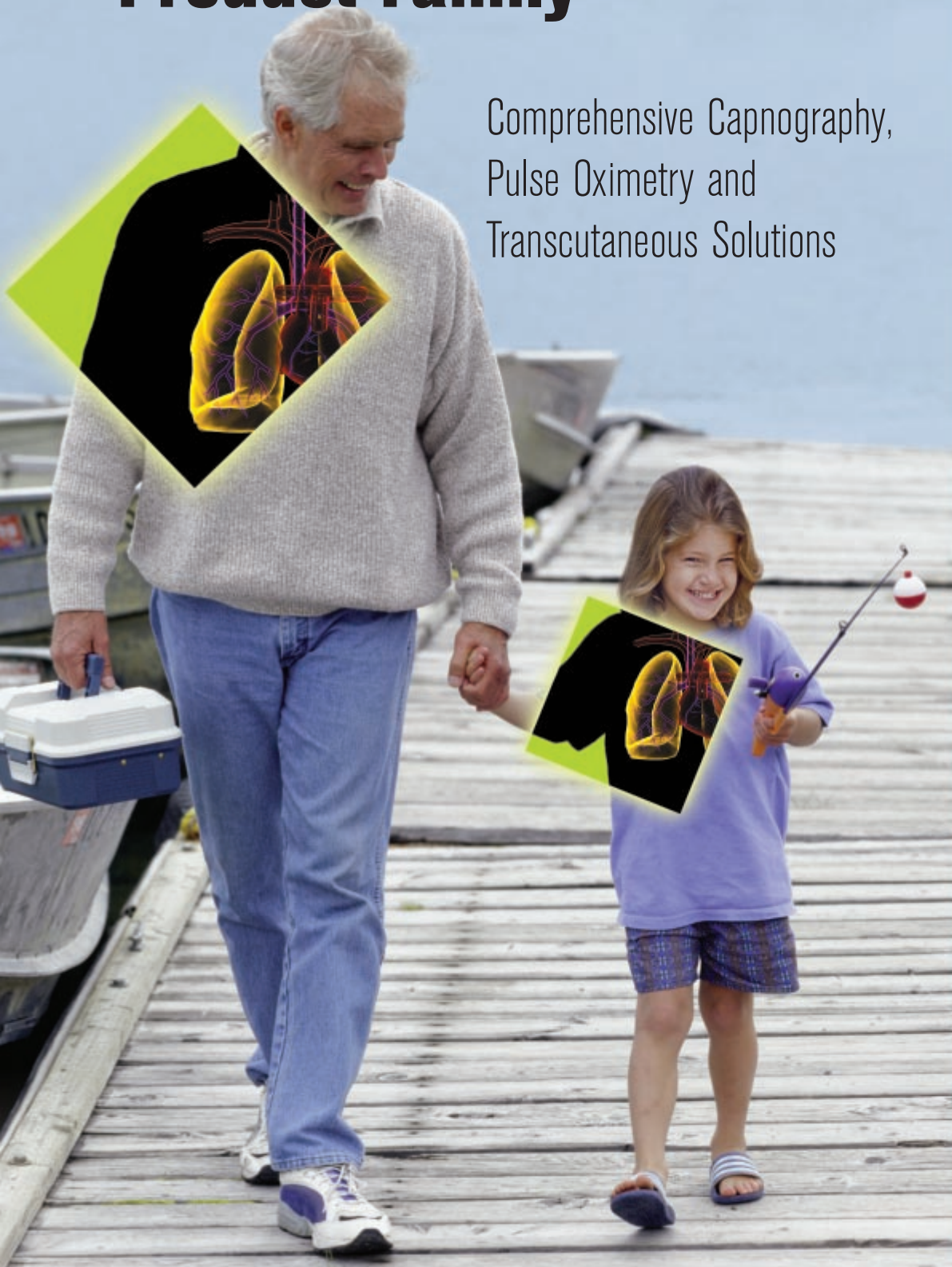


Noninvasive Monitoring Product Family

Comprehensive Capnography,
Pulse Oximetry and
Transcutaneous Solutions



Innovative, Cost-effective Noninvasive Monitoring Systems

At every point along the care continuum – from pre-hospital through ED, OR, ICU and LTAC settings – it's imperative that clinicians can quickly and accurately assess the state of patient respiratory conditions through measurement of critical parameters. In addition, caregivers require sophisticated solutions that address the needs of all patient populations – from neonates through adults.

And that's why so many healthcare professionals turn to Respirationics for our comprehensive family of noninvasive monitoring systems.

As the recognized leader in capnography, we provide highly reliable capnography technologies – along with high performance pulse oximetry and transcutaneous monitors. All these solutions are backed by attentive customer service and extensive support programs designed to optimize cost efficiencies and resource utilization.



Pre-hospital

Hospital



Enhancing Patient, Clinician and Provider Outcomes

Our noninvasive monitoring systems enhance patient, clinician and provider outcomes... simultaneously.

- Diverse, durable technologies can measure parameters quickly and noninvasively in virtually any clinical environment... for maximized patient comfort;
- Our intuitive, user-friendly product features enable clinicians to better assess and respond to patient conditions... for more timely and efficacious respiratory-care delivery; and
- Respirationics' noninvasive monitors deliver high performance capabilities in low cost-of-ownership solutions.

Reliable, Advanced Technology

At Respirationics, our products are engineered to consistently provide unsurpassed functionality in the most demanding situations.

- Highly accurate measurements across a broad range of patient parameters;
- Advanced graphics and on-screen trending of diverse data;
- Immediate reading feedback; and
- State-of-the-art, reusable sensor technology featuring skin-friendly attachment devices.

Facilitating Lower Costs

At Respirationics, cost containment is always a key priority. That's why our noninvasive monitoring solutions include:

- An Oximetry Conversion Program — a comprehensive cost-avoidance program that helps healthcare professionals reduce pulse oximetry operating costs by as much as 60%;
- Cost-effective technologies such as reusable sensors — which can help hospitals cut sensor-related expenditures in half; and
- Rugged designs that extend the life and applicability of monitoring equipment — thereby reducing cost-of-ownership.



Long Term Acute Care

Extremely Versatile

Respirationics' noninvasive monitors are highly flexible — to accommodate extremely diverse applications.

- With built-in versatility, the same monitor can be used across all stages of the care continuum;
- Suitable for all patient populations — including intubated or non-intubated neonatal, pediatric and adult patients;
- A variety of parameter measurements and functions; and
- Wide range of bedside and handheld models.

Comprehensive Product Solutions

Our noninvasive monitors offer fully integrated system solutions.

- A comprehensive line of accessories — including everything from sensors and wraps to airway adapters and masks — enables our monitors to operate in virtually any field application;
- Suitable for hospital transport and emergency settings; and
- Advanced functionality enables equipment to be used for continuous or “spot-check” monitoring.

In-depth Support Programs and Services

Designed to optimize product operation across all healthcare environments, our noninvasive monitoring support program and service offerings include:

- Comprehensive cost-containment and financial support programs;
- In-depth clinical education and product training programs; and
- Worldwide call center support, including online and in-field customer service.

Monitoring Systems that Address Today's Clinical Challenges

In measuring respiratory-based parameters, caregivers from EMTs to RTs and RNs face a host of environmental-, patient- and time-related challenges. As such, we design our noninvasive monitoring systems to deliver consistently reliable performance under the most adverse conditions.

For example, our devices can be set up and used quickly and easily. With their portable, lightweight configuration and footprint, Respironics' monitoring products can be transported as complete system solutions to virtually any location... no matter how inhospitable. And their durable, innovative construction ensures uninterrupted operation with highly accurate measurements.

Mainstream/Sidestream Capnographs

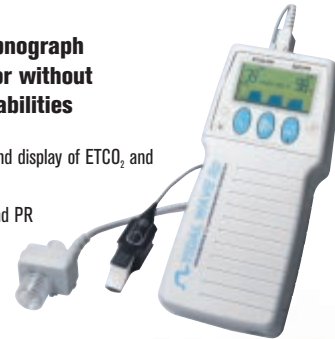
CO₂SMO[®] Capnograph and Pulse Oximeter Monitor

- Reliable mainstream measurement and display of ETCO₂ value, waveform and respiratory rate, with sidestream sampling capabilities
- 24-hour trending of CO₂, RR, SpO₂ and PR
- Digital pulse oximeter functionality
- Suitable for emergency hospital transport, as well as continuous monitoring in the OR, ED and ICU



TIDAL WAVE[®] Sp Handheld Mainstream Capnograph and Pulse Oximeter with or without Sidestream Sampling Capabilities

- Reliable mainstream measurement and display of ETCO₂ and respiratory rate
- 24-hour trending of CO₂, RR, SpO₂ and PR
- Immediate feedback, with visual and audible "No Respiration" alert – for enhanced patient safety during transport
- Suitable for emergency, transport and procedural sedation settings
- Lightweight CAPNOSTAT[®] Mainstream CO₂ Sensor – designed for both intubated and non-intubated patients provides a capnogram within 15 seconds and full specifications within 60 seconds... while eliminating waveform distortions, occlusion and contamination difficulties typical with sidestream CO₂ systems
- Sampling cannula starter kits – including O₂ Delivery Cannulas for Sidestream Sampling of non-intubated patients
- A wide variety of reusable and single-patient-use airway adapters allows one monitor to be used on intubated or non-intubated patients of all age groups
- Our comfortable, easy-to-use CAPNO₂mask[™] simultaneously delivers O₂ and measures ETCO₂ noninvasively – with no rebreathing



CAPNOGARD[®] Capnograph Monitor

- Same specs as the CO₂SMO, excluding pulse oximeter



TIDAL WAVE[®] Handheld Mainstream Capnograph with or without Sidestream Sampling

- Reliable mainstream measurement and display of ETCO₂ and respiratory rate
- Utilizes cost-effective, time-based CO₂ to assess patient current state and changing conditions
- On-screen trending
- Suitable for all patient populations



CAPNOSTAT[®]
Mainstream CO₂ Sensor

Airway Adapters

CAPNO₂mask[™]

Pulse Oximeters

MARS™ Motion-Artifact-Rejection Pulse Oximeter

- Third generation motion artifact rejection technology platform provides the necessary power to reduce the effects of signal disrupting artifacts caused during difficult monitoring situations such as motion and low perfusion, resulting in reduction in false alarms and fewer monitoring interruptions
- Convenient, easy-to-use features enable clinicians to adapt monitor setup to specific clinical care areas – such as the NICU, PICU and PACU
- On-screen trending and histogram display of SpO₂ and pulse rate for up to 24 hours
- Reusable, environmentally friendly SpO₂ sensors – including our multi-site Y-Sensor™ and Finger Sensor – provide superior performance with immediate feedback... at significantly lower costs than disposable sensors
 - Skin-friendly attachment systems enhance patient comfort
 - Simple to apply
 - Durable design facilitates ease of disinfection – for continued safe reuse
 - Multi-site Y-Sensor fits all patient populations, while our Finger Sensor offers a secure, contoured fit for adult and larger pediatric patients
 - Adhesive tapes, foam and butterfly-style wraps offer skin-friendly attachment systems to enhance patient comfort



Models 512/513 Handheld Pulse Oximeters

- Reliable, continuous measurement/display of SpO₂ and pulse rate
- Patented digital technology provides extremely high resolution of patient signals for exceptional performance under demanding clinical conditions
- The 513 model incorporates 24-hour trending and alarms in a small, portable product



Multi-site Y-Sensor™



Finger Sensor



Pulse Ox Foam Wraps

Models 515B/C Pulse Oximeters

- Quick and easy setup and operation
- Easily transportable and lightweight with a long-lasting battery which provides up to 8 hours of continuous monitoring
- State-of-the-art digital technology delivers superior performance in a rugged, compact package



OXYPLETH® Pulse Oximeter

- State-of-the-art digital technology delivers superior performance in a rugged, compact package
- 24-hour on-screen trending, event marks and histograms
- Comprehensive, easy-to-see display maximizes utility of patient and monitor information
- Easy-to-understand monitoring messages help facilitate troubleshooting and clinical assessment of alarms



Volumetric Capnography Monitors

CO₂SMO® Plus!® Monitor

- Utilizing volumetric capnography – the most advanced form of CO₂ monitoring – our monitors provide highly accurate respiratory profiles by measuring a combination of capnography, pulse oximetry, airway flow/pressure and physiologic dead space
- Suitable for use on neonates through adults
- Breath-by-breath, VCO₂ reveals patient responses to ventilator changes rapidly and continuously. This feedback facilitates better ventilation management from setup to weaning



NICO® Monitor

- All of the core features of CO₂SMO Plus! with the additional capability to monitor cardiac output noninvasively and continually
- NICO uses a rebreathing maneuver to calculate cardiac output based on volumetric capnography
- Noninvasive cardiac output facilitates fluid management and reveals the impact of mechanical ventilation on perfusion



Achieve **Breathing In Balance**SM through **Total Ventilation Solutions**SM

Our unique **Breathing In Balance** approach, with its charter to provide the world's most reliable and innovative respiratory medical devices, is made tangible through **Total Ventilation Solutions**.

By allowing healthcare professionals to determine the most effective products, services and programs to treat, monitor and manage patients at every stage of the care continuum, **Total Ventilation Solutions** help enhance patient, clinician and provider outcomes.

Treat/Monitor/Manage	Pre-hospital	Hospital	Long Term Acute Care	Home
Invasive	▲	▲	▲	▲
Noninvasive	▲	▲	▲	▲
Monitors	▲	▲	▲	▲
Masks & Accessories	▲	▲	▲	▲
Clinical Protocols		▲	▲	
Knowledge Management		▲	▲	
Service & Support	▲	▲	▲	▲
Education/Training	▲	▲	▲	▲
Financial Services	▲	▲	▲	▲

Transcutaneous Monitoring Systems

TCO₂M® Transcutaneous CO₂/O₂ Monitor

- Provides continuous, real-time oxygenation-, ventilation- and perfusion-related data – for neonates through adults – that help optimize therapies like supplemental oxygen and mechanical ventilation
- Real-time, 24-hour on-screen trending with graphic and histogram displays improves analysis of patient conditions – for enhanced patient safety
- Diverse monitor options – including Combination O₂/CO₂ Transcutaneous Sensor, Transcutaneous CO₂ Sensor and Transcutaneous O₂ Sensor – optimize application versatility
 - Skin-friendly sensor attachment systems enhance patient comfort
 - Rugged sensor design and automatic true two-point calibration method – for optimized accuracy and rapid remembraning
- Lightweight design and simple menu system facilitate easy setup and operation
- Suitable for any situation that requires accurate, continuous measurement of transcutaneous CO₂, O₂, or perfusion-related data – including NICUs, PICUs, vascular labs, wound care applications and sleep labs



Training and Support Services You Can Count On

Clinical Education and Product Training



We support our noninvasive monitoring products with in-depth CEU workshops, interactive presentations and hands-on training resources. For example, we offer:

- On-site educational programs conducted by our team of clinical application specialists;
- Sponsored seminars, tutorials and guest speakers;
- CD-based training tools;
- An extensive library of educational support materials, such as White Papers; and
- CEU-credit workshops, including topics such as "Waveform Interpretation" and "Capnography: Principles and Applications."

Service and Support



At Respironics, we seek to provide world-class customer service and product support.

- A 24/7 call center staffed with clinical and technical support specialists;
- In-depth technical training services;
- A fleet of mobile service technicians throughout the U.S.; and
- Service agreements, preventive maintenance offerings and extended warranties.

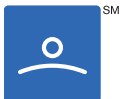
Financial Programs and Support



Among Respironics' wide array of acquisition and financial programs, our comprehensive Oximetry Conversion Program helps healthcare administrators realize significant resource utilization efficiencies — for reduced operating expenses of as much as 60%. For each participating facility, the program's components include:

- Standardized pulse oximetry inventory hospital-wide — consisting of our MARS Motion-Artifact-Rejection Pulse Oximeters and family of reusable sensors;
- A dedicated installation team of clinical and technical support personnel;
- Complete user training for all appropriate clinical departments; and
- 30- and 90-day focus groups to ensure smooth program integration.

Respironics offers a wide range of Power Programs™ for Managing Diseases to help patients take control of their lives.



SLEEP MANAGEMENT



CHRONIC RESPIRATORY MANAGEMENT



TOTAL VENTILATION SOLUTIONS



RESPIRATORY DRUG DELIVERY



NEONATAL & INFANT CARE

Respironics, Inc. and the Respironics Hospital Division

Respironics is a leading global developer, manufacturer and distributor of innovative products and programs that serve the sleep and respiratory markets. We are dedicated to enhancing outcomes for patients, clinicians and providers. With customers in more than 125 countries, we provide healthcare professionals everywhere with access to the solutions they need to help improve outcomes and quality of life at all points of care.

Respironics Hospital Division is dedicated to enhancing respiratory care in pre-hospital, hospital, long term acute care (LTAC) and home settings. From invasive and noninvasive ventilators, patient interface products and resuscitation equipment to clinical protocol pathways, training programs and technical support – we represent a comprehensive resource with applications across the entire care continuum. Ultimately, our goal is to optimize ventilation management and accelerate the recovery process for shortened hospital stays. That's why our Breathing In Balance approach helps facilitate:

- Enhanced outcomes;
- Greater patient comfort;
- Increased quality of clinician data;
- Reduced risks; and
- Lower costs.



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 CAUTION: U.S. federal law restricts these devices to sale by or on the order of a physician.