



**SimConnect
Redefining
Medical
Simulation**



3B Scientific SimConnect Redefining Medical Simulation Owner's Manual

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Specifications

- Product Name: SimConnect
- Compatibility: Integrated with REALiTi 360 ecosystem
- Features: Pulse Oximetry and Respiratory Feedback simulations
- Training Enhancements: Lifelike physiological simulations, precision in mobile simulation, streamlined user experience, tailored training options
- Applications: Medical & Nursing Education, Specialized Respiratory Therapy, Healthcare Institutions, Emergency Response Training, Advanced Critical Care, Frontline Medical Training

Product Usage Instructions

Lifelike Physiological Simulations:

Immerse in oxygenation and capnography simulations with true numeric values and traces. Utilize real Ventilation Flow Sensors and simulated SpO2 Sensors for enhanced training experiences.

Precision in Mobile Simulation:

Experience exceptional capability with real-time, accurate tidal volume data. This feature boosts critical care training quality across all manikins and standardized patients.

Streamlined User Experience:

Enjoy a seamless integration into iSimulate's REALiTi for scenario setup, control, and data handling. The unified interface simplifies the process for both educators and learners.

Tailored Training Options:

Customize scenarios to meet specific learning objectives or choose from a library of exercises. Achieve focused, real-world clinical training with SimConnect.

Portable and Compact Design:

SimConnect's sleek design allows for high-fidelity simulations in various settings such as classrooms, hospitals, or field scenarios.

Frequently Asked Questions

- **Q: Can SimConnect be used with any type of manikin?**
 - A: Yes, SimConnect can be integrated with any manikin to enhance medical training experiences with lifelike physiological simulations and real-time data feedback.
- **Q: How can I schedule a product demonstration to explore SimConnect's features?**
 - A: To schedule a personal product demonstration and learn more about SimConnect's transformative potential, please contact our team for assistance.

Product Information

REDEFINING MEDICAL SIMULATION:

SimConnect & REALiTi 360

Introducing SimConnect, a game-changing integration into the REALiTi 360 ecosystem. Seamlessly incorporate simulated Pulse Oximetry and Respiratory Feedback, revolutionizing medical training by providing a dynamic and tailored experience that truly replicates real-world healthcare scenarios.

A Commitment to Advancing the Future of Simulation

Our commitment to innovation is an ongoing journey. You can expect a continuous stream of updates and new features to keep SimConnect at the forefront of medical simulation technology, ensuring SimConnect remains at the cutting edge of medical simulation technology.

INTEGRATED SIMPLICITY: INFINITE TRAINING SOLUTIONS

BENEFITS OF TRAINING WITH SimConnect

- **Lifelike Physiological Simulations:**

Immerse in oxygenation and capnography simulations with true numeric values and traces. Real Ventilation Flow Sensors and simulated SpO2 Sensors, enhance the overall training experience.
- **Precision in Mobile Simulation:**

Experience an exceptional capability with real-time, accurate tidal volume data. This boosts critical care training quality across all manikins and standardized patients.
- **Streamlined User Experience:**

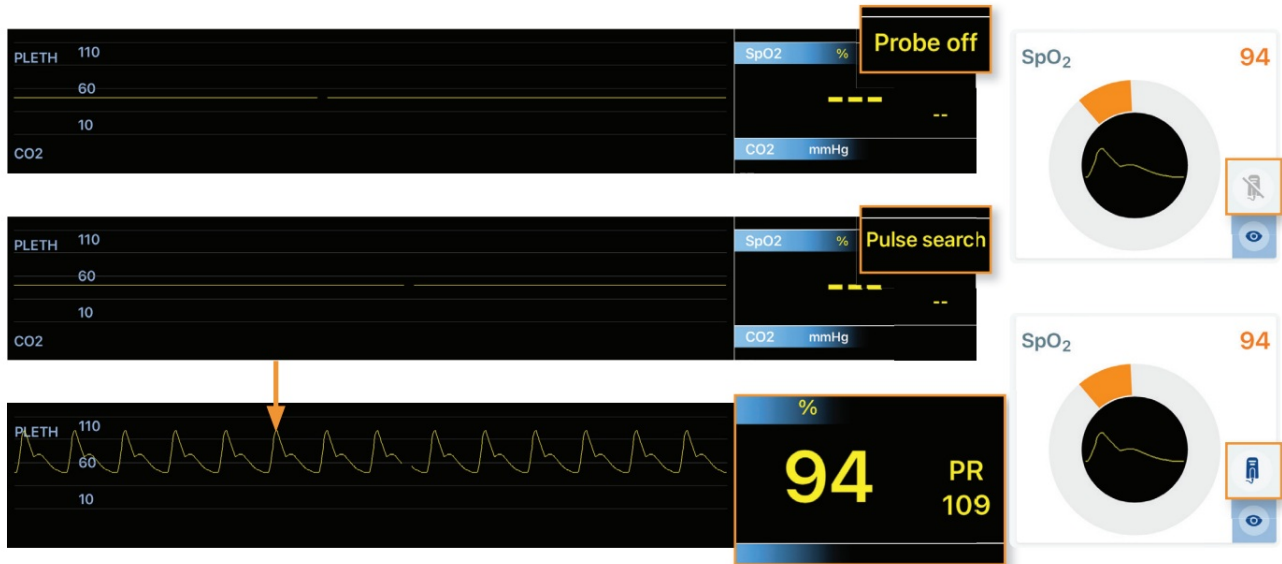
With SimConnect, enjoy a seamless integration into iSimulate's REALiTi 360. A unified interface and workflow simplifies scenario setup, control, and data handling for both educators and learners.
- **Tailored Training Options:**

Tailor scenarios to meet specific learning objectives or choose from a curated library of exercises. Achieve focused, real-world clinical training.
- **Portable and Compact:**

SimConnect's sleek design ensures high-fidelity simulations in any setting, be it a classroom, hospital, or a challenging field scenario.

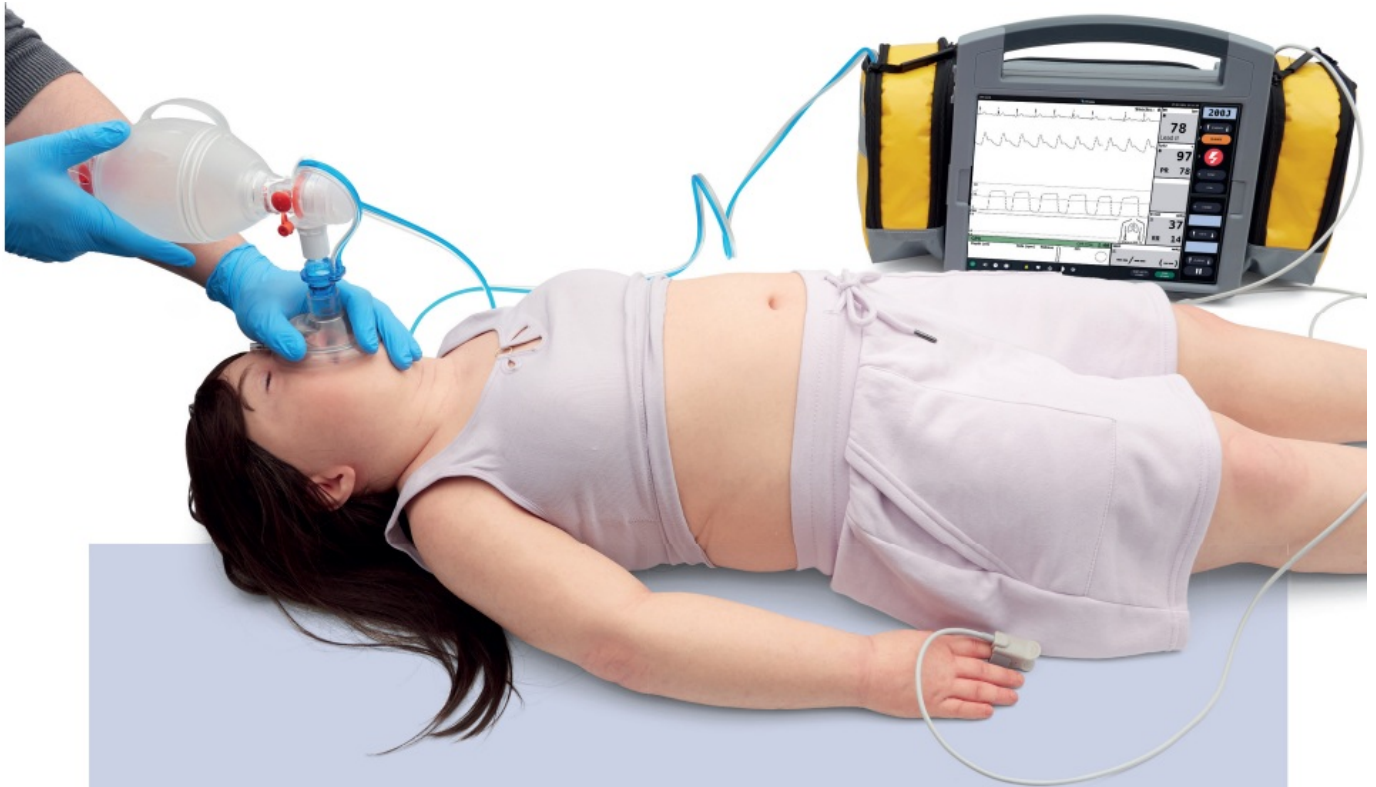
Designed for Seamless Integration & User Efficiency

SimConnect ensures user-friendliness, from rapid configuration to high system responsiveness. Its BLE (Bluetooth Low Energy) connectivity ensures a smooth fusion with REALITi 360. This offers professionals and educators lifelike feedback – pulse oximetry, capnography, and ventilation – directly visible on the REALITi 360 monitor. Moreover, its compatibility spans across diverse manikin models and standardized patients



Diversified Applications & Enhanced Realism

The SimConnect package comes with an array of versatile accessories, catering to training needs across various age groups. Notably, it showcases real Bag-Valve-Mask (BVM) ventilation feedback on dedicated screens and provides exact respiratory rate and triggers the CO2 trace. Combine SimConnect with our specialized CPR-Module for a holistic CPR training experience.



APPLICATIONS OF SimConnect IN DIVERSE TRAINING ENVIRONMENTS

Medical & Nursing Education:

Ideal for both medical schools and comprehensive nursing programs, enhancing practical skill development.

Healthcare Institutions:

Suitable for hospitals and healthcare facilities aiming for continuous professional development and team-based scenarios.

Emergency Response Training:

Elevates training for Emergency Medical Services (EMS), ensuring readiness for high-stakes situations.

Specialized Respiratory Therapy:

An indispensable tool for respiratory therapy programs, focusing on real-world respiratory care challenges.

Advanced Critical Care:

Tailored for critical care training centers, promoting advanced simulations in acute care scenarios.

Frontline Medical Training:

Perfectly designed for first responders and paramedic training, emphasizing rapid medical intervention techniques



Elevate Your REALiTi 360 Experience: Intrigued by SimConnect's transformative potential? Get in touch with our team for a personal product demonstration

INTEGRATION WITH REALiTi 360

To experience the capabilities of SimConnect, it requires integration with a licensed REALiTi 360 device. Enhance your training experience by pairing SimConnect with any of the following REALiTi 360 systems:

- **REALiTi Go**

Item No.: 1022862

For UK: 1023291

- **REALiTi Plus**

Item No.: 1022815

For UK: 1023292

- **REALiTi Pro**

Item No.: 1022816

For UK: 1023293

By combining SimConnect with these systems, you're ensuring a comprehensive training experience.



INCLUDED IN THE SIMCONNECT MODULE

Item No.: 1024636

SimConnect INTERFACE:

- The core interactive platform that drives the simulation experience

VENTILATION FLOW SENSORS:

- Adult/Pediatric: Accurately measures airflow for adult and pediatric scenarios
- Neonate: Designed specifically for neonatal simulations

SPO FINGER SENSORS:

- Adult: Activates preselected SpO Values and waveforms
- Pediatric: Tailored for Pediatric training scenarios
- Neonate: Tailored for Neonatal training scenarios
- USB-C to USB-C cable: To connect SimConnect with a power source



RECOMMENDED PRODUCT

RECOMMENDED PRODUCT FOR ENHANCED TRAINING

- Down Syndrome Child (Gwen)
Item No.: 1024735
- Teenager (Kelsey)
Item No. 1024738
- Elderly (Vivien)
Item No.: 1025081
- Child light skin/female
Item No.: 1024734


SCAN THE QR CODE TO LEARN MORE ABOUT SimConnect



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Documents / Resources

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|  | <p>3B Scientific SimConnect Redefining Medical Simulation [pdf] Owner's Manual SimConnect Redefining Medical Simulation, SimConnect, Redefining Medical Simulation, Medical Simulation, Simulation</p> |
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References

- [User Manual](#)

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