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CPR Hardware Kit

Item No. 1022745
Weight 0.465kg
Brand iSimulate
MPN: H-CPR

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SKU:

Categories:AED Trainers

Product Description

CPR Puck and 2 bands

The **iSimulate CPR Hardware Kit (Item No. 1022745 / MPN: H-CPR)** is an official accessory and replacement hardware pack for the iSimulate REALTi series of simulation platforms. Designed specifically to enable CPR quality monitoring and feedback during BLS training sessions, this kit contains the essential physical components that connect a CPR training manikin to the iSimulate REALTi app ecosystem.

Kit Contents:

- 1× CPR Puck (compression sensor device)
- 2× Attachment bands (to secure the puck to the manikin chest)

Key Features:

- **CPR Puck sensor** — captures real-time compression depth, rate, and recoil data during CPR training, feeding objective metrics directly into the iSimulate REALITi app
- **Universal band attachment** — secures reliably to a wide range of standard CPR training manikins without modification
- **Lightweight at 0.465 kg** — easy to carry between training stations and labs
- **Genuine iSimulate OEM hardware** — ensures full compatibility and accurate data transmission with REALITi simulation software
- **Replacement and spare kit** — ideal for institutions already running iSimulate REALITi platforms who need backup or additional CPR monitoring capability

Ideal For:

- Skills labs running iSimulate REALITi-based BLS, ACLS, or emergency simulation programmes
- NMC/INC-compliant medical college simulation centres requiring objective CPR quality metrics
- Institutions expanding their iSimulate station count or replacing worn hardware
- Nursing institutes and paramedic training programmes using tablet-based simulation platforms

Q: What is the CPR Puck and what does it do? A: The CPR Puck is a compression sensor that sits on the chest of a CPR training manikin during BLS simulation. It measures and transmits real-time data on compression depth, rate, and chest recoil to the iSimulate REALITi app, enabling objective, quantifiable CPR quality feedback for both trainees and instructors.

Q: Which simulation platform is this kit compatible with? A: It is designed for use with the iSimulate REALITi simulation platform. It is not a standalone product — it requires the iSimulate REALITi app and compatible iPad/tablet to function.

Q: Can this be used with any CPR manikin? A: The attachment bands are designed to secure the CPR Puck to standard adult CPR training manikins. Compatibility may vary by manikin form factor — contact SEM Trainers to confirm suitability with your existing manikins.

Q: Is this a standalone product or a replacement/accessory? A: It is an accessory and replacement hardware kit. Institutions already operating iSimulate REALITi platforms can use this to expand their CPR monitoring capability or replace a worn or lost puck and bands without purchasing a full new system.

Q: Why would I need a spare CPR Hardware Kit? A: In high-throughput training labs running multiple simultaneous BLS stations, having spare or additional CPR Pucks ensures uninterrupted training even if one unit requires charging, servicing, or replacement. It is good practice to stock at least one spare per active simulation station.

Q: Is this product suitable for NMC-compliant skills labs? A: Yes, when used as part of the iSimulate REALITi platform. The objective CPR quality metrics generated — compression depth, rate, recoil — directly support the competency-based assessment documentation required for NMC-compliant BLS skills stations under CBME guidelines.

Q: Who manufactures this product? A: iSimulate is an Australian medical simulation technology company known for their REALITi platform, which uses iPads and sensor hardware to deliver high-fidelity, app-driven patient simulation at significantly lower cost than traditional patient simulators.

Specification

Detail

Item No.	1022745
MPN	H-CPR
Weight	0.465 kg
Brand	iSimulate, Australia
Contents	CPR Puck × 1, Attachment Bands × 2
Compatible With	iSimulate REALITi simulation platform