



SIMOVATION
SAVING LIVES MATTERS

SKILLQUBE PRODUCT CATALOGUE 2024

SKILLQUBE

**Patient Simulation
Systems**
Redefine Simulation.



With the qubeSERIES, SKILLQUBE offers patient simulation systems for a lifelike training experience. Thanks to the authentic design of our systems, our products can comprehensively replicate real-life scenarios, achieving an even more successful and higher quality training outcome.

qubeZERO with Controller and Assessment iPad

www.simovation.com.au



SIMOVATION
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Portfolio



qube**SERIES** Monitors



qube**SERIES** Ventilators



qube**AV** Debriefing



qube**ASSESS**



qube**CONTROL**



qube**CLOUD**



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SKILLQUBE



Innovation out of Passion

Every day at SKILLQUBE, our work inspires us to save lives – and these are not just empty words.

Our “Mission360” focuses on holistic solutions for team training in medical simulations. In keeping with our motto, #makeitreal, we give participants the knowledge and skills that prepare them for real-life emergencies. Throughout our many years of experience, we have developed a reputation as medical simulation experts by providing highly realistic medical training and education. Our ECG patient and ventilator simulation systems and audio-video debriefing equipment fully support our “Mission360”.

Working together for better and continuing professional education!

SKILLQUBE – A passion for Innovation.



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4 · SKILLQUBE- qubeCONTROL and qubeASSESS



qubeCONTROL

Your simulation scenario is in your hands. Our qubeCONTROL is a comprehensive control unit for the instructor, allowing real-time adjustments within your scenario. Through integration with qubeCLOUD, pre-designed scenarios can be downloaded and played. If something doesn't go as planned, the trainer can intervene spontaneously.

Features

- Control your scenario, whether pre-designed or free
- Activate/deactivate and modify vital signs
- Adjust and change qubeASSESS values
- Training logbook with export capability
- Synchronization with qubeCLOUD enables synchronization of scenarios, device- and organization-specific settings
- CPR and ventilation feedback with the resuscitation dashboard (requires SKILLQUBE feedback sensors)
- Create and share individual lab reports
- Event documentation
- Control of a qubeSERIES ventilation simulator using resistance & compliance or existing medical conditions



qubeASSESS

Our qubeASSESS has been designed to enhance realism during training. It aims to enable participants to obtain relevant values as part of the decision-making process independently. qubeASSESS allows for adjustments to be considered during the scenario.

Features

- Auscultation of heart, lung, and abdomen
- Blood sugar measurement
- Temperature measurement
- Accessing checklists
- Accessing media center
- Perform manual blood pressure measurement
- View lab reports
- Display intensive care values (including ICP, PAP) Pager alarm
- CO alarm
- Evaluate feature



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5 - SKILLQUBE- qubeCLOUD



qubeCLOUD

Our qubeCLOUD allows organizations and users to manage their simulation systems, create scenarios, and more. Access to the qubeCLOUD is browser-based.

Features

- Organization and user management with role and permission system
- License and device management
- Comprehensive scenario editor
- AHA scenarios (Guidelines 2020) available
- Make device-specific settings and apply them to all simulators with a single click
- Make organization-specific settings and apply them to all simulators with a single click
- Access to Education Center
- Server located in Germany (GDPR compliant)

**SKILLQUBE
Modules**



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6 - SKILLQUBE



qubeCPR

The sensors of qubeCPR provide the instructor with information on compression depth, speed, hands-off time, and CPR fraction in the integrated live display on the qubeCONTROL. Evaluation is done both for group performance and participant-specific assessment.

In the controller, the instructor accesses a more detailed menu, where the last two minutes are graphically represented better to assess the progress and quality of cardiopulmonary resuscitation.

qubeTRIGGER

Simulation of the Medutrigger, designed for the qubeMS2 ventilation simulator based on the WEINMANN Medumat Standard2.

In certain situations, it is necessary to trigger ventilation breaths as needed individually. This is especially true in emergency medicine during cardiopulmonary resuscitation and anesthesia induction (RSI). With the unique qubeTRIGGER, SKILLQUBE makes this possible even during simulated mechanical ventilation.

qubeAIRFLOW

The ventilation sensor qubeAIRFLOW assists your team in practicing efficient manual ventilation. For even greater precision in training!

- Capture of inspiratory VT
- Conditionally expiratory Vte
- Capture of respiratory rate
- The values collected during this process are displayed in real-time on the qubeCONTROL for the instructor and the trainee's respective monitor.





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7 · SKILLQUBE



Hardware Set L



Hardware Set M

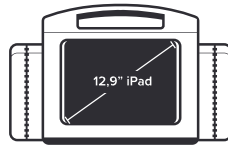


LIFE-BASE 3 NG



LIFE-BASE 1 NG XS

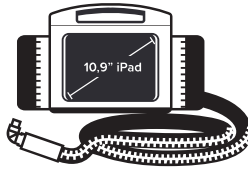
Hardware Options SKILLQUBE Original



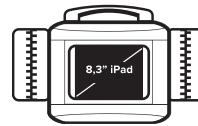
Hardware Set L



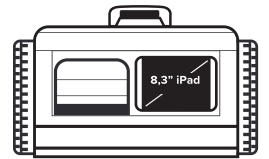
Hardware Set M



Hardware Set Ventilation

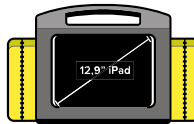


LIFE-BASE 1 NG XS

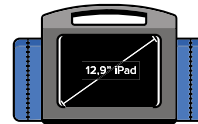


LIFE-BASE 3 NG

Colour Options for Hardware Set L



Yellow



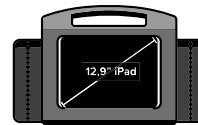
Blue



Red



Gray



Black



Camo

Hardware Options



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8 - SKILLQUBE

ZOLL	SCHILLER The Art of Saving Lives	stryker	Simulates CORPULS*	WEINMANN medical technology	HAMILTON MEDICAL	SKILLQUBE
qubePMD	qube7	qube15	qubeC1	qubeMC	qubeT1	qubeZERO
qubePM	qubePG7	qube20e	qubeC3	qubeMS2		qubeAED
qubeX			qubeC3T			qubeVENT
qubeX A						qubeCTG
qubeR						

* CORPULS, C3, C1, C3T are registered trademarks of GS Elektromedizinische Geräte G. Stemple GmbH.



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9 · SKILLQUBE – ZOLL

Our Simulators based on ZOLL

in cooperation with

ZOLL®

Preclinical Monitors



qubePMD

Authentic Interface
ZOLL® Propaq®
MD



qubePM

Authentic Interface
ZOLL® Propaq® M

Clinical Monitors



qubeR

Authentic Interface
ZOLL® R Series®



qubeX

Authentic Interface
ZOLL® X Series®



qubeXA

Authentic Interface
ZOLL® X Series® Advanced





SIMOVATION
SAVING LIVES MATTERS

10 · SKILLQUBE – ZOLL · qubePMD




in cooperation with


qubePMD **ZOLL**

qubePMD is the simulation interface of ZOLL® Propaq® MD and allows you to train military medical personnel in advanced monitoring capabilities and defibrillation. Our simulator mimics the real device featuring 12-lead ECG, invasive blood pressure, snapshots, CPR feedback, a pacemaker, and automatic and manual defibrillation.




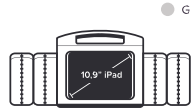
Available Integrations

 Optionally available with qubeCPR







 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options

 Hardware Set L
● Yellow
● Blue
● Red
● Gray
● Black
● Camo

 Hardware Set M
● Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Visual representation of alarms



SIMOVATION
SAVING LIVES MATTERS

11 · SKILLQUBE – ZOLL · qubePM



in cooperation with

qubePM

ZOLL



The SKILLQUBE qubePM is based on the ZOLL® Propaq® M supporting military and aeromedical simulation training. The tablet-based system features the full functionality of the actual device, such as Advanced physiologic monitoring, including invasive blood pressure, dynamic 12-lead ECG, and many more. The qubePM does integrate with our qubeCONTROL, qubeCLOUD, and qubeASSESS for your most realistic simulation experience.

Available Integrations



Optionally available with qubeCPR



Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options



Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo



Hardware Set M

- Gray

General and Specific Functions



Fully functional ECG interface



Snapshot feature



Dynamic 12-lead ECG with printing function



Real-time CPR feedback



SIMOVATION
SAVING LIVES MATTERS

12 · SKILLQUBE – ZOLL · qubeX



in cooperation with


qubeX


ZOLL




What has been a decades-long practice for pilots is gradually becoming part of everyday medical work. Simulations help in precisely training one's maneuvers and treatment methods within a team, and through constant repetitions, they become intuitively ingrained. As a leading provider of pre-clinical training and simulations, SKILLQUBE has significantly contributed to this development and offers the qubeSERIES, especially the qubeX, as leading simulation systems for preclinical settings.

Available Integrations

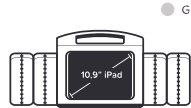
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options


Hardware Set L







- Yellow
- Blue
- Red
- Gray
- Black
- Camo


Hardware Set M

- Gray


Original housing

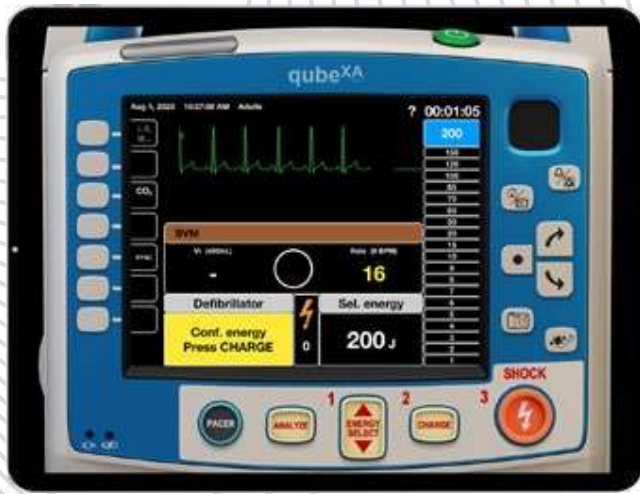
General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Setting alarm thresholds



SIMOVATION
SAVING LIVES MATTERS

13 · SKILLQUBE – ZOLL · qubeXA



in cooperation with

qubeXA

ZOLL




The qubeX Advanced is based on ZOLL's most advanced defibrillator, the X Series Advance, which stands out for integrating clinical information for patient care. The simulation device also accurately represents Real BVM Help™ and TBI Dashboard™ values. The integration of the qubeCPR and qubeAIRFLOW sensors is particularly essential to create a realistic simulation environment.


Simulates Real BVM Help™ with qubeAIRFLOW:

The qubeX Advanced, like the original device, guides learners in performing high-quality ventilation and uses real-time values from qubeAIRFLOW.


Simulates TBI Dashboard™ and CPR Monitoring: Display of trend information, including trauma scenarios. CPR feedback with audiovisual feedback.

Available Integrations

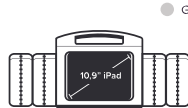
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options







 Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo

 Hardware Set M

- Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Real BVM Help™ & TBI Dashboard™



SIMOVATION
SAVING LIVES MATTERS

14 · SKILLQUBE – ZOLL · qubeR



in cooperation with


qubeR


ZOLL

Our clinical simulators impress with an extensive level of detail. The qubeR was developed in collaboration with ZOLL® based on the R Series®, providing the perfect foundation for realistic simulation in the clinical field. The authentic simulator contributes to enhancing the quality of education, training, and further development in the field.




Available Integrations

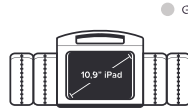
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options








Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo


Hardware Set M

- Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Configuration: Advisory



SIMOVATION
SAVING LIVES MATTERS

15 · SKILLQUBE – SCHILLER

Our Simulators based on SCHILLER

in cooperation with

Preclinical Monitors



qube7

Authentic Interface
DEFIGARD Touch 7 by SCHILLER



qubePG7

Authentic Interface
PHYSIOGARD Touch 7 by SCHILLER



SCHILLER
The Art of Saving Lives





SIMOVATION
SAVING LIVES MATTERS

16 · SKILLQUBE – SCHILLER · qube7




in cooperation with


qube7




The qube7 features a fully functional ECG interface of the DEFIGARD Touch 7 by SCHILLER. It provides all the necessary functions to simulate medical emergencies. The device includes a fully integrated AED and pacer function. It is seamlessly integrated into qubeCONTROL, qubeASSESS, and qubeCLOUD, giving you the full capability you need for the success of your training.

Available Integrations

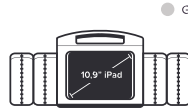
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options


Hardware Set L






- Yellow
- Blue
- Red
- Gray
- Black
- Camo


Hardware Set M

- Gray


Original housing

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Available with Soft 10 by SCHILLER
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	



SIMOVATION
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17 · SKILLQUBE – SCHILLER · qubePG7



in cooperation with

qubePG7



Our qubePG7 simulation system is based on the PHYSIOGARD Touch 7 monitoring system by SCHILLER. The qubePG7 includes a 6- to 12-lead ECG, non-invasive and invasive blood pressure measurement, SpO2, and EtCO2. The qubePG7 features the same user interface as the qube7, with a focus on out-of-hospital monitoring. Based on this close collaboration with SCHILLER and years of experience, SKILLQUBE has developed the qubePG7, a highly functional simulation system that helps prepare emergency responders precisely for real-life situations.

Available Integrations



Optionally available with qubeCPR



Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options



Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo



Hardware Set M

- Gray

General and Specific Functions



Fully functional ECG interface



Visual representation of alarms



Dynamic 12-lead ECG with printing function



Real-time CPR feedback



SIMOVATION
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18 · SKILLQUBE – Stryker

Our Simulators based on Stryker

in cooperation with

stryker



Preclinical Monitors



qube15

Authentic Interface
of Stryker LIFEPAK 15

Clinical Monitors



qube20e

Authentic Interface
of Stryker LIFEPAK 20e



SIMOVATION
SAVING LIVES MATTERS

19 · SKILLQUBE – Stryker · qube15



in cooperation with

qube15

stryker

The qube15 features a fully functional ECG interface of Stryker's LIFEPAK 15. It provides all the necessary functions to simulate medical emergencies. The device includes a fully integrated AED and pacer function, and is capable of printing the displayed 12-lead ECG. It is seamlessly integrated into qubeCONTROL, qubeASSESS, and qubeCLOUD, giving you the full capability you need for the success of your training.



Available Integrations

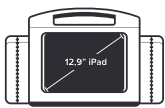


Optionally available with qubeCPR



Optionally available with qubeAIRFLOW






Available Hardware Sets and Colour Options



Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo

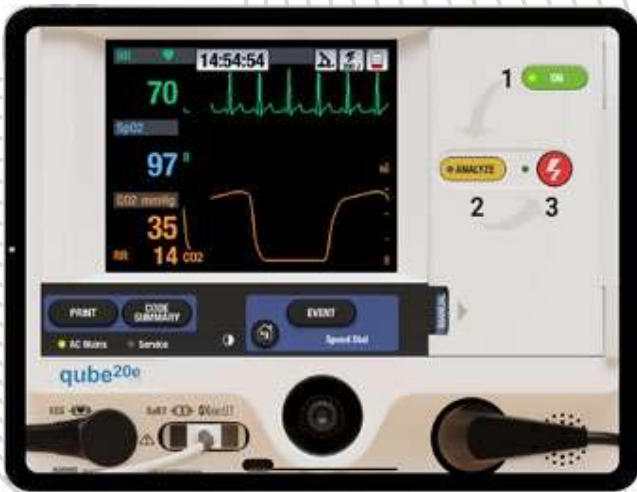
General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 With AED voice prompt	



SIMOVATION
SAVING LIVES MATTERS

20 · SKILLQUBE – Stryker · qube20e



in cooperation with


qube20e


stryker




Our clinical simulators with an extensive level of detail. The qube20e was developed in collaboration with Stryker based on the LIFEPAK 20e, providing the perfect foundation for realistic simulation in the clinical field. Emergency teams accustomed to working with LIFEPAK 12 and LIFEPAK 15 devices will immediately recognize the standardized and user-friendly interface. SKILLQUBE also employs authentic graphics and sounds from Stryker. The qube20e, like all qubeSERIES simulators, can be intuitively controlled using the existing qubeCONTROL.

Available Integrations

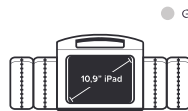
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options







 Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo

 Hardware Set M

- Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 BLS to ALS Unit door system



SIMOVATION
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21 · SKILLQUBE

Our Simulators based on CORPULS*

Preclinical Monitors



qubeC1

Simulates the interface
of Corpuls C1



qubeC3

Simulates the interface
of Corpuls C3



qubeC3T

Simulates the interface
of Corpuls C3T

Simulates

CORPULS*



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SIMOVATION
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22 · SKILLQUBE · qubeC1



Simulates

qubeC1

CORPULS*



The qubeC1 consists of an ECG monitor with a fully integrated AED as well as manual defibrillation function and an external pacemaker that can be set between Demand and Fix modes. The simulator has been designed to seamlessly integrate into the existing qubeSERIES. As a leading provider of preclinical training and simulations, SKILLQUBE has significantly contributed to this development and now offers a leading ECG simulation system with the qubeSERIES.

* CORPULS, C3, C1, C3T are registered trademarks of GS Elektromedizinische Geräte G. Stemple GmbH

Available Integrations



Optionally available with qubeCPR



Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options



Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo



Hardware Set M

- Gray

General and Specific Functions



Fully functional ECG interface



Pacer / Pacemaker



AED automatic / manual



Dynamic 6-lead ECG with printing function



With pulse oximetry

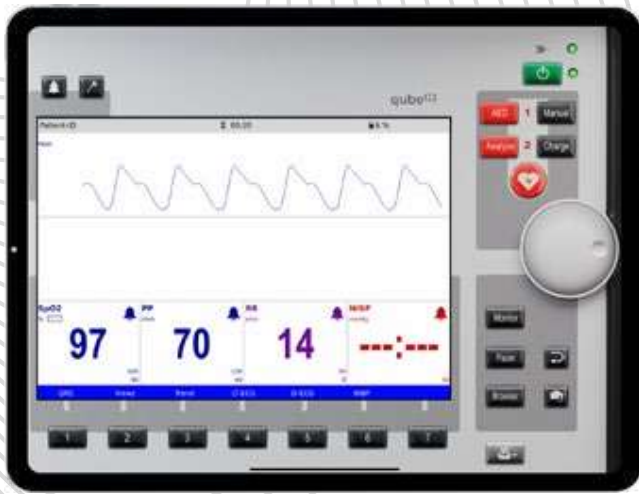


Setting alarm thresholds



SIMOVATION
SAVING LIVES MATTERS

23 · SKILLQUBE · qubeC3



Simulates

qubeC3

CORPULS*





Based on years of experience and hundreds of feedback from practice, SKILLQUBE has developed the qubeC3, a highly functional simulation system that helps prepare emergency personnel precisely for real-life situations.

The qubeC3 simulation system, based on the well-known C3, consists of a fully functional ECG monitor with integrated AED function, CPR feedback, and a dynamic 12-lead ECG. It also includes a wireless control unit for instructors and an external skill trainer for auscultation, blood glucose, and patient temperature measurements.


* CORPULS, C3, C1, C3T are registered trademarks of GS Elektromedizinische Geräte G. Stemple GmbH

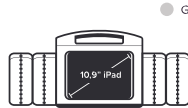
Available Integrations

 Optionally available with qubeCPR







 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options

 Hardware Set L
● Yellow
● Blue
● Red
● Gray
● Black
● Camo

 Hardware Set M
● Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Layout editor available



SIMOVATION
SAVING LIVES MATTERS

24 · SKILLQUBE · qubeC3T



qubeC3T

Simulates


CORPULS*




With the introduction of the first patient monitor simulator, qubeC3, in 2018, we recently released the simulation system based on the C3 Touch. Developed with the utmost care and expertise, the qubeC3T helps emergency personnel prepare realistically and comprehensively for real-life situations. The qubeC3T simulation system, based on the C3T, consists of a fully integrated AED function and a dynamic 12-lead ECG ECG monitor. It seamlessly integrates with qubeCONTROL, qubeASSESS, and qubeCLOUD, providing you with the full capability you need for the success of your training.


* CORPULS, C3, C1, C3T are registered trademarks of GS Elektromedizinische Geräte G. Stemple GmbH

Available Integrations

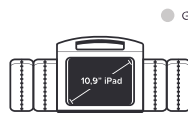
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options








Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo


Hardware Set M

- Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Layout editor available



SIMOVATION
SAVING LIVES MATTERS

25 · SKILLQUBE – WEINMANN Emergency Medical Technology

Our Simulators based on WEINMANN

in cooperation with

WEINMANN
medical technology

Preclinical Monitors



qubeMC

Authentic interface of the
MEDUCORE Standard by
WEINMANN Emergency Medical
Technology

Ventilation



qubeMS2

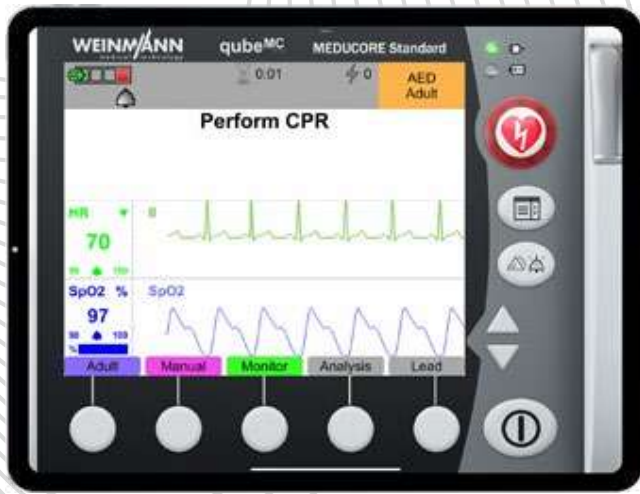
Authentic interface of the
MEDUMAT Standard 2 by
WEINMANN Emergency Medical
Technology





SIMOVATION
SAVING LIVES MATTERS

26 · SKILLQUBE – WEINMANN Emergency Medical Technology · qubeMC



in cooperation with

qubeMC





Our qubeMC is based on the MEDUCORE Standard by WEINMANN Emergency Medical Technology. Together, we have developed a simulator that reflects the features of the MEDUCORE Standard.




The compact monitor / defibrillator has the necessary functions for patient monitoring. It covers basic monitoring with SpO2, 6-lead ECG, and AED mode, as well as manual defibrillation.

Available Integrations

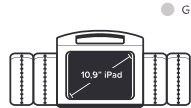
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options






 Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo

 Hardware Set M

- Gray

General and Specific Functions

 Fully functional ECG interface	 Defibrillation (AED / manual) with feedback	 Dynamic 6-lead ECG with printing function
 Real-time CPR feedback	 With pulse oximetry	



SIMOVATION
SAVING LIVES MATTERS

27 · SKILLQUBE – WEINMANN Emergency Medical Technology · qubeMS2



in cooperation with

qubeMS2



In collaboration with WEINMANN Emergency Medical Technology, the qubeMS, a ventilation simulator based on the MEDUMAT Standard2, has been created.

The MEDUMAT Standard2 is used in emergency medical services, air rescue, and military medical services.

SKILLQUBE has years of experience in developing comprehensive simulation solutions and in training first responders. Both companies aim to significantly contribute to patient safety and saving lives through the development of simulation systems like the qubeMS2.

Available Integrations

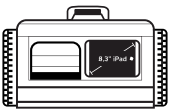


Optionally available with qubeTRIGGER

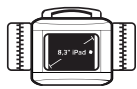


Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options











MS2 LIFE-BASE 3 NG



MS2 LIFE-BASE 1 NG XS

Ventilation Modes

 CPAP ASB	 CPR IPPV	 Inhalation
 IPPV for neonates, children, and adults	 Manual CPR	 PCV
 EtCo2 monitoring	 BiLvl ASB	



SIMOVATION
SAVING LIVES MATTERS

28 · SKILLQUBE – HAMILTON MEDICAL

Our Simulators based on HAMILTON MEDICAL

in cooperation with

HAMILTON
MEDICAL



Ventilation



qubeT1

Authentic Interface of
the HAMILTON-T1



www.simovation.com.au



SIMOVATION
SAVING LIVES MATTERS

29 · SKILLQUBE – HAMILTON MEDICAL · qubeT1



in cooperation with



qubeT1

The qubeT1 simulates the HAMILTON-T1 and was developed in collaboration with Hamilton Medical. The ventilation simulation system qubeT1 is the ideal complement to the ECG simulators in the qubeSERIES, allowing for challenging and highly realistic training in line with our motto #makeitreal. The available ASV ventilation mode particularly distinguishes the qubeT1.



Available Integrations



Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options



● Black / Red

Hardware Set Ventilation



Original housing

Ventilation Modes



ASV Mode



(S)CMV+



PCV+



SPONT



DuoPAP



SIMOVATION
SAVING LIVES MATTERS

30 · SKILLQUBE

Our SKILLQUBE Simulators

original

SKILLQUBE



**Preclinical / Clinical
Monitors**



qubeZERO

Generic ECG Interface
by SKILLQUBE

AED



qubeAED

Generic AED
by SKILLQUBE

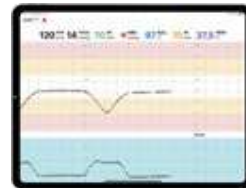
Ventilation



qubeVENT

Generic Ventilation Simulator
by SKILLQUBE

CTG



qubeCTG

Cardiotocography Simulator
by SKILLQUBE



SIMOVATION
SAVING LIVES MATTERS

31 · SKILLQUBE · qubeZERO




qubeZERO


The qubeZERO contains everything needed for a successful simulation and is a universal companion for any training scenario.




It is seamlessly integrated into qubeCONTROL, qubeASSESS, and qubeCLOUD, providing the full functionality required for training success. With various pre-integrated views, training possibilities are virtually limitless. In addition to a 12-lead ECG with pacer and integrated real-time CPR feedback, the qubeZERO also features an AED and a manual defibrillator. A unique SKILLQUBE original product!

Available Integrations

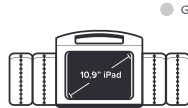
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW

Available Hardware Sets and Colour Options







 Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo

 Hardware Set M

- Gray

General and Specific Functions

 Fully functional ECG interface	 Pacer / Pacemaker	 Defibrillation (AED / manual) with feedback
 Dynamic 12-lead ECG with printing function	 Real-time CPR feedback	 Multiple monitor views selectable



SIMOVATION
SAVING LIVES MATTERS

32 · SKILLQUBE · qubeAED




qubeAED


Sudden cardiac arrest, or ventricular fibrillation, is considered one of the most common causes of death. According to statistics, about 6 million sudden cardiac deaths occur annually due to ventricular tachyarrhythmias.




Our qubeAED offers the opportunity for realistic training, not only for trained first responders. With its intuitive operation, it is the perfect addition to the qubeSERIES.

Available Integrations

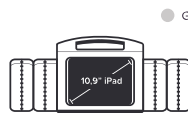
 Optionally available with qubeCPR

 Optionally available with qubeAIRFLOW






Available Hardware Sets and Colour Options


Hardware Set L

- Yellow
- Blue
- Red
- Gray
- Black
- Camo


Hardware Set M

General and Specific Functions

 AED with graphic display	 Optional display of ECG tracing	 Voice guidance
 5 predefined scenarios based on AHA Heartcode	 Can be used as a stand-alone device	



SIMOVATION
SAVING LIVES MATTERS

33 · SKILLQUBE · qubeVENT



qubeVENT



SKILLQUBE has developed a ventilation simulator based on a generic user interface. The qubeVENT can be used for training in emergency medical services, air rescue, clinics, or military medical services. The qubeVENT complements our qubeSERIES portfolio with another ventilation simulator. As an in-house development, it is another SKILLQUBE original product following the qubeZERO. We have invested all of our experience and valuable community feedback into its development, making it the perfect entry into the world of ventilation simulators.

Available Integrations



Optionally available with qubeAIRFLOW









Available Hardware Sets and Colour Options



● Black / Red

Hardware Set Ventilation

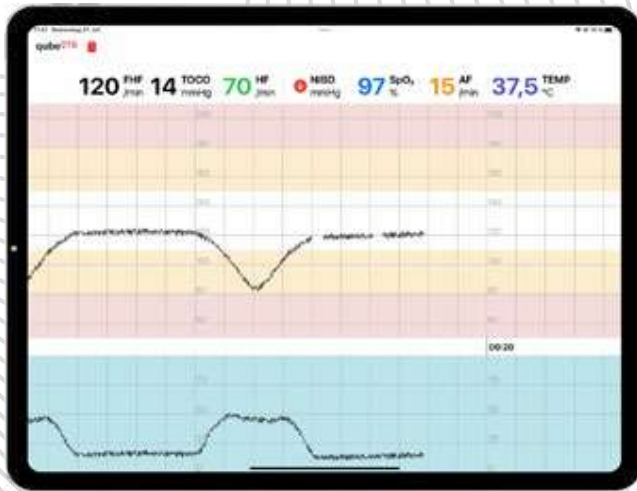
Ventilation Modes

 CPAP ASB	 CPR IPPV	 Inhalation
 EtCo2 Monitoring	 PCV	 BiLvl ASB
 IPPV for neonates, children, and adults	 Manual CPRv	



SIMOVATION
SAVING LIVES MATTERS

34 · SKILLQUBE · qubeCTG



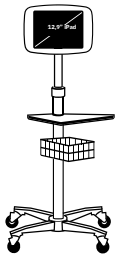
qubeCTG

The qubeCTG application simulates a real-time cardiotocograph monitoring system in an obstetric environment. With the new qubeCTG, you can train in complex obstetric scenarios.



- Create and edit your own scenarios
- Comes with three pre-programmed scenarios (normal CTG, variable deceleration, VBAC)
- Realistic representation of uterine activity
- Adjust baseline, variability, shapes, and contact quality
- Add notes
- Option to set maternal vital signs

Available Hardware Options



Rolling Cart



Generic Bag

General and Specific Functions



Create scenarios



Modify baseline



Adjust variability



Modify shapes



Display contact quality



Add notes



SIMOVATION
SAVING LIVES MATTERS

36 · SKILLQUBE

Debriefing- system

Our qubeAV products allows trainers to efficiently support the response teams during simulation, mark key events, and subsequently analyze the scenario.

	Control Unit	Voice of God	Marker	Mobility	Configuration	Student View	Cameras
qubeAVgolight	Apple iPad		Touch	✓			iPad Camera
qubeAVgo	Apple iPad Pro		Apple Pencil	✓			1 x 360° IP Camera iPad Camera
qubeAVprolight	Apple MacBook	✓	Marker Keyboard	✓		✓	1 x 360° IP Camera 2 x Box IP Camera
qubeAVpro	Apple MacBook	✓	Marker Keyboard	Fixed Installation	✓	✓	1 x 360° IP Camera 2 x Box IP Camera



Mobile debriefing system with audio-video recording for simulation training



Critical situations and key events can be marked by the simulation trainer using markers



Recording of training allows analysis of the training scenario from all angles



Change of perspective: flexible switch between camera views and simulation monitor during training



Ready for operation in a short time: mobile transport case allows flexible usage, including ambulances, helicopters



Wireless connection option with the SKILLQUBE simulation monitors



SIMOVATION
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Debriefing.

Audio-video
solutions from
SKILLQUBE.



www.simovation.com.au



SIMOVATION
SAVING LIVES MATTERS



SKILLQUBE

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