

# Ambu<sup>®</sup> Man Advanced



## Key features

- Latest Ambu Wireless Technology
- Robust and durable
- Individually programmable scenarios
- Browser-based Ambu Manikin Management Module for control, documentation and monitoring
- High flexibility by operating system-independent access and control
- Individual review possibility in group training (up to four participants)
- Parallel multiple access of various devices for visualisation of the performance
- Display of a realistic patient monitor with 12-lead ECG
- Custom programming of ECG rhythms possible
- Play sound e.g. respiratory sounds
- Training of airway management
- Training of i.v. and i.o. access techniques



## AmbuMan Advanced

The AmbuMan Advanced is Ambus latest training manikin generation, which is made to fulfil all the needs of Advanced Life Support (ALS) -Training.

The focus of the manikins is on the algorithm: Airway Management, ECG simulation, defibrillation and the training of i.v. and i.o. access techniques. The core is the AmbuMan with the latest, integrated Ambu Wireless Technology. The browser-based Ambu Manikin Management Module allows the wireless control, documentation and monitoring of the trainee's performance. The Ambu Manikin Management Module is the central interface, where all data and information come together: compression depth, correct hand position, ventilation volume, stomach inflation. Using AmbuMan Advanced, you can create custom scenarios and adapt them perfectly to different course concepts. The AmbuMan Advanced is the ALS training manikin for professionals.

### Customised scenario training

The AmbuMan Advanced offers new possibilities for implementation of course concepts in accordance to the demand of instructors and the current ERC / AHA guidelines, especially the 2015 guidelines. Your creativity has no limits. The intuitive user interface allows a creation of custom scenarios quick and easy. These can manually be adjusted during the training, depending on the training situation. The CPR parameters and manual events are documented wirelessly and included into the evaluation and debriefing.

### New level of debriefing

Individual trainee evaluation in group training for more efficient training. Each participant receives his personal results (up to four participants).

# Specifications

|                                  |   |                                                                                                                                                                                                                                                                       |
|----------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connectivity                     | ✓ | WLAN or LAN<br>Ambu Wireless Technology built on latest generation of Intel WLAN Modules                                                                                                                                                                              |
| Ambu Manikin Management Module   | ✓ | Operating system independent and browser-based control, programmable scenarios, individual documentation for up to 4 participants, parallel display and control of up to 6 manikins, parallel multiple access of various devices for visualization of the performance |
| Power supply                     | ✓ | AC adapter,<br>Battery pack or PoE (optional, not included in packaging)                                                                                                                                                                                              |
| Airway-Management                | ✓ | Training of airway management: like laryngeal masks, laryngeal or tracheal tube. Bag-mask ventilation and use of the Guedel airway. Airways open only with correct hyperextension                                                                                     |
| Defibrillation                   | ✓ | Equipped with two electrodes (apex and sternum) that can be defibrillated with up to 360 joules. In addition to the use of manual, semi-automatic and automatic defibrillators, paddles can be used.                                                                  |
| Pacing                           | ✓ | Possibility for transcutaneous pacing                                                                                                                                                                                                                                 |
| ECG Simulation                   | ✓ | Conform with the ERC 2015 Guidelines<br>ECG is displayed physiologically correct and detected accordingly by an external defibrillator. 12-lead ECG display, ECG can be programmed manual                                                                             |
| Manual feedback display          | ✓ | Extendable<br>Ventilation volume, compression depth, hand position, stomach inflation                                                                                                                                                                                 |
| Training of injection techniques | ✓ | i.v. (Arm) + i.o. (Leg)                                                                                                                                                                                                                                               |

# Technical data

|                                   |         |
|-----------------------------------|---------|
| Weight fullbody                   | 13,3 kg |
| Weight fullbody with transportbox | 25,1 kg |
| Length fullbody                   | 165 cm  |

# Order information

| Item number        | Description                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A284 407 000       | <b>AmbuMan Advanced IV</b><br>Fullbody manikin incl. i.v. arm, i.o. leg (incl. 1 x Kit i.o. Access), integrated Ambu Wireless Technology, Ambu Manikin Management Module, transport box |
| A284 417 000       | <b>AmbuMan Advanced</b><br>Fullbody manikin, integrated Ambu Wireless Technology, Ambu Manikin Management Module, transport box                                                         |
| <b>Spare parts</b> |                                                                                                                                                                                         |
| 234 000 077        | Battery pack                                                                                                                                                                            |
| 284 000 520        | Kit i.o. Access containing:<br>1 x Bone, 5 x Injection pads, 5 x Skin                                                                                                                   |

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Transport box



Accessories incl. in packaging



Ambu Manikin Management Module