



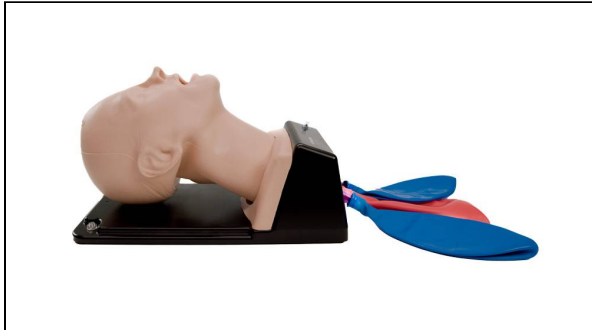
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AirSim Advance X

Item No. AA91100X
Weight Approx. 3.5kg
Make: TruCorp, Ireland

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SKU:

Categories: Airway Management Adult



Product Description

TruCorp AirSim Advance X features the uniquely constructed AirSim® airway and an anatomically correct nasal passage for visual accuracy and realistic feedback during airway management procedure practice. The airway and soft head skin are certified for over 80,000 intubation cycles and has a 3-year warranty. Silicone simulated skin covering offers a lifelike feel and more precise articulation during bag-valve mask ventilation training.

Model Features

- Innovative AirSim® airway & nasal cavity created from DT DICOM data with a 3-year warranty

- Anatomically correct internal features & visually accurate landmarks such as turbinates
- Inflatable tongue bulb to simulate edema
- Replaceable lung bags inflate with successful ventilation
- Esophagus & replaceable bag representing stomach

Medical Procedure Training

- Endotracheal tube insertion
- Double naso-tracheal intubation
- Nasogastric (NG) tube insertion
- Combi tube insertion
- Bag-valve mask (BVM) ventilation techniques
- Full range of supraglottic device insertion
- Direct laryngoscopy
- Awake fiber optic examination

Lifelike Airway Management Trainer Ideal for BVM and Supraglottic Devices

The silicone skin covering provides a more realistic [bag mask ventilation training](#), allowing for accurate articulation. This model is compatible with all supraglottic airway devices and the durable airway withstands continuous and repeated use for effective training in a classroom setting. The [AirSim airway](#) and softer skin has been rigorously tested to withstand over 80,000 intubation cycles without failure. This ensures greater tactile accuracy, helping users develop critical airway and trauma management skills with confidence.

INTUBATION TRAINING ON THE AIRSIM® ADVANCE X

Intubation is critical in emergency and ICU settings, used for about 1.5 million patients each year in the U.S ([Weiss, M., & Engelhardt, T., 2012](#)). Intubation training head has full head tilt, chin lift and jaw thrust for lifelike responsiveness. The airway has accurate internal anatomical landmarks for realistic training in intubation and fiber optic scoping techniques. Can be used for training in:

- Combi tube insertion
- Endotracheal tube insertion
- Awake fiber optic examination
- Direct laryngoscopy
- Supraglottic device insertion

- Double naso-tracheal intubation
- Ventilation techniques

The AirSim Advance X airway trainer is compatible with a full range of supraglottic devices. We recommend the following equipment sizes for optimal performance:

- 7.0-7.5 mm ID for nasal intubation
- 8.0-9.0 mm ID for oral intubation
- Large / Size 6 for BVM ventilation mask
- Size 3-5 for LMA laryngeal masks
- Similar respective sizes for other supraglottic devices

AirSim airway training heads are the most true to life intubation heads on the market and built to withstand repeated use. We offer free medical manikin demonstrations worldwide. We also offer an [ultrasound IV trainer](#) ideal for simulation centers and many other applications, and a [patient monitor simulator app](#) that comes with a free 30-day trial. The AirSim Advance X trainer also makes an ideal airway demonstration model for device manufacturers and educators.

Intubation Manikin Testimonial

“TruCorp make airway manikins with the most realistic ‘feel’. For too long we have been practicing airway management on products that demand far more strength and effort than is required in real-life. At last a product that encourages a more subtle and delicate approach to airway management.” -Eoghan Colgan, NHS Greater Glasgow & Clyde

DIFFICULT AIRWAY MANAGEMENT TRAINING

The lifelike size and texture of the inflatable tongue allow students to practice intubation of an obstructed airway. Airway trainer parts and consumables interchange quickly and easily to facilitate efficient practice.

Package Contents

- [1 Carrier/storage case](#)
- 1 Bottle of [TruCorp lubrication](#)
- [3 Adult lung bags](#) replicating 2 lungs & stomach
- 2 sets of adhesive pads (attachable to suction cups for increased stability if required)

Parts & accessories

- [Replacement AirSim® Advance X airway](#)
- [Replacement head skin \(with nasal passage\)](#)
- [Base plinth](#)

- [Suction cup \(Set of 8\)](#)

Why Choose the TruCorp AirSim® Advance X for Your Simulation Lab in India?

The TruCorp AirSim® Advance X (Item No. AA91100X) by TruCorp®, Ireland is approximately 3.5 kg, the premium adult airway management training head in the TruCorp AirSim® range — and the correct choice over the standard AirSim® (AA11100) for simulation labs where BVM ventilation realism, extended durability, and double nasotracheal intubation training are programme requirements. Three features distinguish it from the standard model: a silicone skin covering that provides significantly more lifelike tissue feel and precise facial articulation during BVM mask seal training; an airway and head skin certified for over 80,000 intubation cycles without failure; and a 3-year warranty versus the 2-year warranty on the standard AirSim® — making it the operationally lower-risk choice for high-volume simulation labs where trainer downtime is costly. The airway is created from CT DICOM data with anatomically correct nasal cavity, turbinates, and all internal laryngeal landmarks preserved.

The silicone skin is the tactile differentiator that experienced anaesthesia and emergency medicine trainers will notice immediately — it stretches and responds to BVM mask pressure with a compliance and texture closer to real facial tissue than standard polymer skins, developing the subtle pressure calibration and seal technique that trainees must transfer to real patients. Double nasotracheal intubation is supported — both nasal passages are functional — enabling more complex nasal airway training scenarios. The inflatable tongue bulb simulates tongue oedema for difficult airway training. The full procedure set covers: ET tube insertion, double nasotracheal intubation, Combitube® insertion, nasogastric tube insertion, BVM ventilation, the full range of supraglottic device insertion, direct laryngoscopy, awake fiberoptic examination, and single lung isolation techniques. Recommended device sizes: 7.0–7.5 mm ID for nasal intubation, 8.0–9.0 mm ID for oral intubation, size 3–5 LMA. Package includes carrier case, TruCorp lubrication, and 3 adult lung bags.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of TruCorp® products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support. All products carry genuine manufacturer warranty and meet ISO 9001 quality standards.

Frequently Asked Questions

Q: What are the key differences between the AirSim® Advance X (AA91100X) and the standard AirSim® (AA11100)? A: Three upgrades: silicone skin for more realistic BVM ventilation and facial tissue feel; 80,000+ intubation cycle durability certification; and a 3-year warranty (vs 2-year). Double nasotracheal intubation is also supported on the Advance X; the standard AirSim® supports single nasotracheal intubation only.

Q: What device sizes are recommended for this trainer? A: 7.0–7.5 mm ID for nasal intubation, 8.0–9.0 mm ID for oral intubation, size 3–5 for LMA laryngeal masks, and equivalent sizes for other supraglottic devices.

Q: What is the warranty and how do I get support? A: The AirSim® Advance X carries a 3-year warranty. For support in India, contact SEM Trainers at sem@semtrainers.com or +91-88495 63724.