AirSim Advance
Part No: TCAA91100

with Breakout Teeth
Part No: TCAA91101

The addition of a ‘real-feel’ skin covering provides a more realistic bag & mask ventilation training experience and an improved neck design allows for accurate articulation.

Skills
- Training in/use of:
  - bag & mask ventilation
  - full range of supraglottic devices
  - video laryngoscopy
  - standard laryngoscopy
  - tracheal intubation
  - naso-tracheal intubation
  - awake fiberoptic examination

Package supplied
- 1 AirSim Advance model
- 1 User manual CD
- 1 Lung bag
- 1 Carry case

Packed weight (lbs) & dimensions (in)
7.7 lb 18.1 l 10.2 w 13 h

AirSim Advance Bronchi
Part No: TCAA95100

with Breakout Teeth
Part No: TCAA95101

The AirSim Bronchi provides the same benefits as the AirSim Advance with the added benefit of anatomically correct bronchial detail down to the fourth generation bronchi.

Skills
- Training in/use of:
  - diagnostic bronchoscopy
  - lung isolation techniques using left and right endobronchial tubes and bronchial blockers
  - lung suctioning techniques
  - fiberoptic bronchoscopy
  - single and double lumen tubes and bronchial blockers
  - bronchial stent insertion

Package supplied
- 1 AirSim Advance model
- 1 User manual CD
- 1 Carry case

Packed weight (lbs) & dimensions (in)
8.6 lb 18.1 l 10.2 w 13 h
The AirSim Advance Crico combines all of the features of the AirSim Advance with the addition of a simulated cricoid cartilage to facilitate training in both needle and surgical cricothyroidotomy procedures.

**Skills**
- Training in/use of:
  - needle and surgical cricothyroidotomy
  - tracheal and nasotracheal intubation
  - video and standard laryngoscopy including Sellick Maneuver
  - full range of supraglottic devices
  - bag & mask ventilation

**Features**
- Anatomically correct laryngeal cartilages
- Palpable tracheal rings to provide positive user feedback
- Easy identification of the sternal notch
- Realistic neck skin with the option of subcutaneous fat tissue

**Skills**
- Training in/use of:
  - percutaneous tracheostomy
  - needle and surgical cricothyroidotomy
  - tracheal and nasotracheal intubation
  - video and standard laryngoscopy including Sellick Maneuver
  - full range of supraglottic devices
  - bag & mask ventilation

**Package supplied**
- 1 AirSim Advance model
- 1 User manual CD
- 1 Carry case

Packed weight (lb) & dimensions (in)
7.7 lb 18.1 l 10.2 w 13 h

The AirSim Advance Traci combines all of the features of the AirSim Advance with the addition of anatomically correct laryngeal cartilages & palpable tracheal rings that are designed to enhance training in percutaneous tracheotomy.

**Features**
- Anatomically correct laryngeal cartilages
- Palpable tracheal rings to provide positive user feedback
- Easy identification of the sternal notch
- Realistic neck skin with the option of subcutaneous fat tissue

**Skills**
- Training in/use of:
  - percutaneous tracheostomy
  - needle and surgical cricothyroidotomy
  - tracheal and nasotracheal intubation
  - video and standard laryngoscopy including Sellick Maneuver
  - full range of supraglottic devices
  - bag & mask ventilation

**Package supplied**
- 1 AirSim Advance model
- 1 User manual CD
- 1 Carry case

Packed weight (lb) & dimensions (in)
7.7 lb 18.1 l 10.2 w 13 h

The AirSim Advance Combi brings together the outstanding features of our existing products to produce the perfect all-in-one trainer for your airway management course. It allows for training in both cricothyroidotomy & percutaneous tracheotomy.

**Skills**
- Training in/use of:
  - diagnostic bronchoscopy
  - lung isolation techniques using left and right endobronchial tubes and bronchial blockers
  - full range of supraglottic devices
  - bag & mask ventilation
  - lung suctioning techniques
  - needle and surgical cricothyroidotomy
  - percutaneous tracheotomy

**Package supplied**
- 1 AirSim Advance model
- 1 User manual CD
- 1 Carry case

Packed weight (lb) & dimensions (in)
7.7 lb 18.1 l 10.2 w 13 h
Difficult Airway Management Simulator Models

Part No: KKMW13 Training
Part No: KKMW14 Demonstration

The Difficult Airway Management Simulators offer excellent reality in airway management training and also various challenges for trainees through a combination of controllable degree of mouth opening, changeable limit of neck flexibility and an inflatable tongue.

The products provide wide variations of training experiences in difficult airway management including the use of diverse types of devices. Their portable design and durable structure allow training in emergency, pre-hospital and clinical settings.

Skills

For both Models
- Airway opening techniques (head tilt, jaw thrust)
- Bag-Valve-Mask ventilation
- Pre intubation airway assessment
- ‘Sniffing position’
- Pressurization of external larynx to improve the laryngeal view
- Intraoral/Intranasal Intubation
- Use of oropharyngeal (OPA) and nasopharyngeal airways (NPA)
- Use of laryngeal mask airway
- Use of video laryngeal scope
- Use of tracheal intubation fiber scope
- Feedback on incorrect procedures including esophagus intubation and unilateral intubation
- Securing the tube in place with tapes or Thomas™ endotracheal tube holder

For Training model only:
- Confirmation of successful ventilation by:
  - observation of thoracic and abdominal movement (lung expansion, stomach inflation)
  - auscultation on the chest

Features

For both Models
- 24 variations (including one normal case) of settings which include: 2 steps of neck flexibility, 3 steps of mouth opening, 2 sizes of tongues, 2 positions of vocal cords
- Robust structure and stable base for training in various settings including those for pre-hospital scenario
- Anatomically correct airway structure and realistic laryngeal view
- The upper teeth are removable if excess force is applied
- The optional bronchus model that allows for bronchofiberscopy training
- Latex free

Package supplied

Training
- 1 Torso mannequin
- 3 Upper incisions
- 1 Lubricant

Demonstration
- 1 mannequin
- 3 Upper incisions

Consumables and Replacement Parts Part No
- Face mask K11392-020
- Chest cover K11392-040
- Replacement tongue K11392-030
- Upper incisions K11392-010
- Lung (right and left) K11392-050
- Stomach K11392-060

Packed weight (lbs) & dimensions (in)

<table>
<thead>
<tr>
<th>Training</th>
<th>Demonstration</th>
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<tbody>
<tr>
<td>26 lb</td>
<td>11 lb</td>
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<tr>
<td>30 l</td>
<td>20 l</td>
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<tr>
<td>17 w</td>
<td>13 w</td>
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<tr>
<td>12 h</td>
<td>15 h</td>
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</tbody>
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Product details correct at time of going to press. Subject to change.
Airway Suction Trainer

Part No: **KKM85**

Realistic representation of the respiratory organs for teaching catheterization and temporary airway suction.

**Skills**
- Insertion of catheters orally, nasally or through the tracheostomy opening
- Temporary airway suction
- Tracheostomy care, replacement and management

**Features**
- Realistic anatomy including mouth, tongue, oral and nasal pharynx, larynx, epiglottis, vocal cords, trachea and esophagus
- Incorporates an observation window to allow the passage of the catheter to be demonstrated and explained, and so trainees’ technique can be assessed
- Sticky simulated sputum material can be introduced into the bronchus
- Trachea and bronchus can be easily flushed clean after use

**Package supplied**
- 1 Face & neck skin, base with internal anatomy
- 1 Can of spray lubricant
- 2 Catheters
- 1 Trainer Q Synthetic Sputum
- 1 Metal tray

**Airway Management / Venipuncture**

www.limbsandthings.com

| Packed weight (lbs) & dimensions (in) | 15.4 lb | 3.9 | 11.8 w | 19.7 h |

### Arterial Puncture Wrist

Part No: **KKM99**

Radial artery puncture is a common approach for blood collection and artery catheterization, and this simulator provides realistic training in this skill.

**Skills**
- Palpation of radial artery
- Needle insertion
- Blood collection

**Features**
- Arterial pulse is palpable
- Speed of pulse is variable
- Soft tissue and artery wall provide realistic needle resistance
- Flashback can be observed
- Skin, pad and artery tube are replaceable
- Puncture sites not visible after use
- One-touch, leak free connectors
- Easy clean up

**Package supplied**
- 2 Skin Sets (Inner & Outer) KK11351-010
- 4 Silicon Tape (Set of 4) KK11351-030
- 4 Artery Tubes (Set of 4) KK11351-040
- 1 Wrist and hand model with circulation pump
- 1 Jar of blood powder with beaker & spoon
- 2 Plastic jars
- 2 Connection tubes
- 1 Vinyl sheet
- 1 Carry case

**Package weight & dimensions**

| Weight (lb) | 30.9 lb | 1.9 | 11.8 w | 27.6 h |

**KYOTO KAGAKU**

*Product details correct at time of going to press. Subject to change.*