

true training  
true anatomy  
true to life

TruCorp is a rapidly growing company with the specific mission to research systems for medical skills training and competency assessment.

The company is a spinout from the Department of Anaesthetics at Queen's University Belfast in Northern Ireland.

TruCorp identified the requirement for medical simulation products driven by a growth in competency-based training where the emphasis is on proving that skills have been acquired and can be applied appropriately.

The AirSim range is based on faithful reproduction of the human airway anatomy and as such is invaluable as a training aid to facilitate the learning and development of airway management skills for all health professionals.

**The AirSim products are rapidly becoming the trainer of choice for a wide range of professionals including:**

Anaesthetists  
Paramedics and First Responders  
Emergency Medical Services  
Nurse Anaesthetists  
Surgeons  
Airway Device Manufacturers

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corp

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true training  
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AIRSIM 

[Visit our website for our list of global distributors](#)

Trucorp have a professional commitment to medical best practice and skills training. Trucorp are taking medical training to new levels of realism through development of anatomically correct training models.

Trucorp believe that for too long, health professionals have had to tolerate unrealistic models for practicing skills training. Now in response, Trucorp have designed, engineered and produced a wide variety of training manikins for airway management on both adults and paediatrics, comprehensive CPR and AED training as well as our new ENT surgical model for laser ablation of cancers and polyps on the vocal cords.

Designed by professionals  
for professionals

To ensure maximum realism, the Trucorp airway which is vitally important and integral to all of our product ranges and separates us from our competitors, has been created from CT DICOM data. This has been collected from real life paediatric, child and adult people. The airway is moulded in one piece and put through a sophisticated dipping process. For realism during fibre optic examinations the airway provides an accurate realisation of the internal anatomical features.

The fully assembled unit is manufactured from a polymer compound which gives positive tactile feedback during and after correct placement of an airway device. It also has high technical properties to withstand continuous and repeated use. The realistic jaw assembly provides a full range of jaw and mouth movements and the innovated neck design allows realistic neck articulations ranging from extension to flexion.

The tongue on each of the models has a realistic shape and texture which responds as it would in real life and can be inflated to variable sizes to simulate different swollen tongue scenarios.

Trucorp's "real feel" skin covering provides a more realistic training experience, while still providing a very durable and highly elastic material to ensure repeated use. The materials used in the construction of the models combine a high level performance with ease of portability. This includes Trucorp's well known integrated carbon fibre effect base which gives both strength and durability. All models are provided with a lightweight but durable black carrier case.

The Trucorp range of products provide an invaluable tool for training in the techniques of Laryngoscopy, nasal and endo tracheal intubation, fibre optic examinations, double lumen insertions, full use of supraglottic devices, both needle and surgical cricothyroidotomy and ENT surgical skills.

tru  
corp 



# AIRSIM STANDARD

The AirSim Standard is uniquely constructed to allow realistic feedback during airway management procedures and provides true, anatomically correct and visually accurate internal features.

The novel neck construction allows the head to be moved and secured in a number of positions. This ranges from the standard “sniffing” position to more difficult scenarios.

Product Name	Code	Description
AirSim Standard	AA10000	Standard Airway Model
AirSim Standard	AA10001	Breakout Teeth
AirSim Standard	AA10010	Needle Access
AirSim Standard	AA10011	Needle Access, Breakout Teeth



## PRODUCT FEATURES

The AirSim Standard also features an inflatable tongue with real-life size and texture. There is also an option to include “breakout” teeth to simulate the effects of bad practice in laryngoscopy.

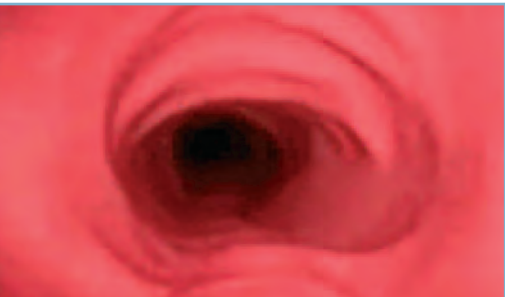
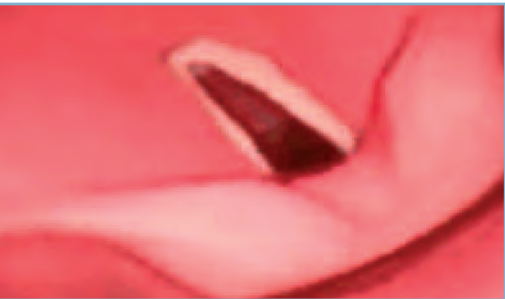
**The AirSim Standard is ideal for training in the use of:**

- Laryngeal Masks
- Full range of supraglottic devices
- Laryngoscopes
- Tracheal Tubes
- Fibre optic Laryngoscopes
- Needle Cricothyroidotomy Systems

**Trucorp recommend the following equipment sizes for optimal performance:**

8.0-9.0 mm ID for oral intubation  
Size 3 and 4 for LMA laryngeal masks  
(similar respective sizes for other supraglottic devices)

### Internal view of the Airsim Standard Airway



# AIRSIM MULTI

The AirSim Multi contains the key features of the AirSim Standard with the addition of a nasal passage and a chin.

The AirSim Multi facilitates training on nasal procedures as well as bag and mask ventilation techniques.

Product Name	Code	Description
AirSim Multi	AA11100	Nasal Passage, Chin
AirSim Multi	AA11101	Nasal Passage, Chin, Breakout Teeth
AirSim Multi	AA11110	Nasal Passage, Chin, Needle Access
AirSim Multi	AA11111	Nasal passage, Chin, Needle access, Breakout teeth



## PRODUCT FEATURES

The nasal passage has been developed in a manner similar to the main airway. This gives the same anatomical realism and functionality, important landmarks such as the turbinates are clearly defined. In addition the material used offers the same tactile feedback which is delivered with the main airway itself.

These features allow AirSim Multi to be used for training and practice in nasotracheal intubation and nasally directed fiberoptic examination.

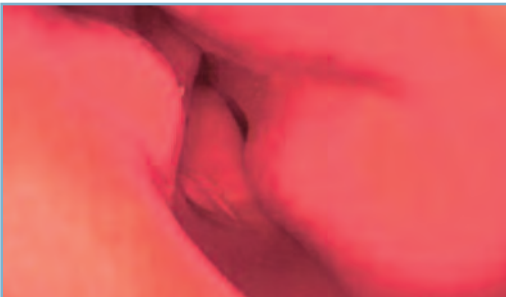
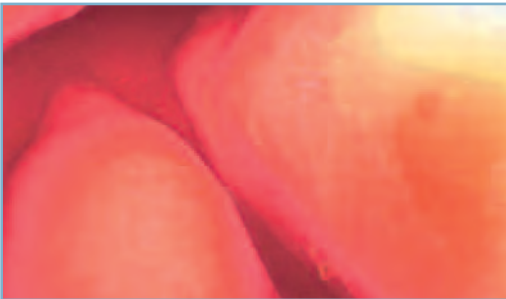
**The AirSim Multi can be used in training of all the procedures facilitated by the AirSim Standard with the addition of:**

- Naso-tracheal intubation
- Awake fiberoptic examination
- Bag & mask ventilation techniques

**Trucorp 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  
Size 3 and 4 for LMA laryngeal masks  
(similar respective sizes for other supraglottic devices)

### Internal view of the AirSim nasal passage



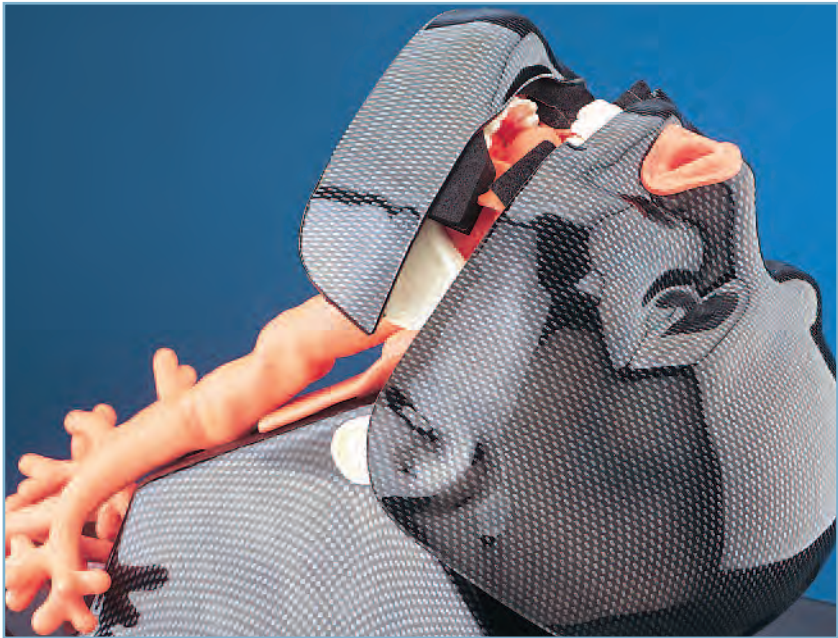


AIRSIM BRONCHI

The AirSim Bronchi is the latest product addition to the AirSim family, providing anatomically correct detail down to the fourth generation bronchi.

The AirSim Bronchi provides exceptional detail in both internal and external features; made possible through a combination of cutting edge moulding technology and carefully nadcrafted processes.

Product Name	Code	Description
AirSim Bronchi	AA51100	Nasal Passage, Chin
AirSim Bronchi	AA51101	Nasal Passage, Chin, Breakout Teeth
AirSim Bronchi	AA51110	Nasal Passage, Chin, Needle Access
AirSim Bronchi	AA51111	Nasal Passage, Chin, Neddle Access, Breakout Teeth



The AirSim Bronchi unit provide a solution to your training needs in:

Diagnostic bronchoscopy.  
Lung isolation techniques using left and right endobronchial tubes and bronchial blockers.  
Lung suctioning techniques.

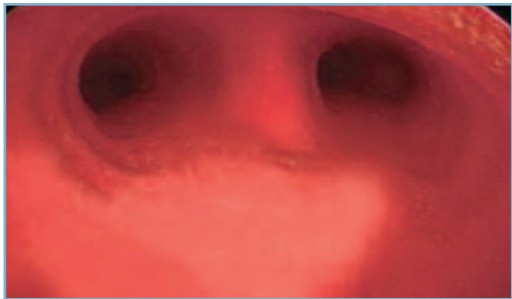
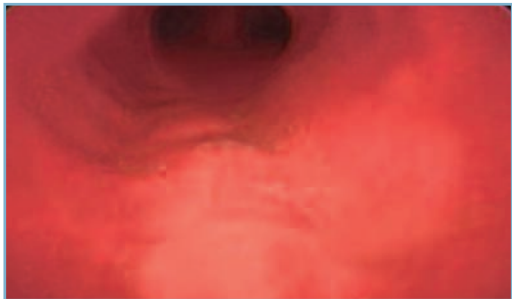
For clinicians and industrial clients, the AirSim Bronchi is a leading choice for demonstration of items such as:

Fibre optic bronchoscopy equipment.  
Single and double lumen tubes and  
Bronchial blockers.  
Specialised bronchial stents.

The AirSim Bronchi can also be used in a similar manner to the AirSim Multi and can cover an extensive range of traning requirements.

Trucorp 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  
Size 3 and 4 for LMA laryngeal masks  
(similar respective sizes for other supraglottic devices)  
Size 35F - 37F for endobronchial tubes.

Internal view of the Bronchioles



AIRSIM ADVANCE

The AirSim Advance features the uniquely constructed AirSim airway, designed to provide true, anatomically correct and visually accurate internal features.

The addition of a “real-feel” skin covering provides a more realistic bag mask ventilation training an improved neck design allowing for accurate articulation.

Product Name	Code	Description
AirSim Advance	AA91100	AirSim Advance Model
AirSim Advance	AA91101	Advance, Breakout teeth



PRODUCT FEATURES

AirSim Advance also features an anatomically accurate nasal passage, inflatable tongue to increase difficulty of airway and an option to include “breakout teeth” to simulate the effects of bad practice in laryngoscopy.

AirSim Advance is ideal for trainng in:

Effective bag mask ventilation.  
Use of full range of supraglottic devices.  
Video and standard laryngoscopy.  
Trachael & naso-trachael intubation.  
Awake fibreoptic examination.

Trucorp 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  
Size 3 and 4 for LMA laryngeal masks  
(similar respective sizes for other supraglottic devices)  
Size 35F - 37F for endobronchial tubes.





AIRSIM ADVANCE BRONCHI

The AirSim Advance Bronchi is the next generation to the AirSim family, providing anatomically correct detail down to the fourth generation bronchi together with the addition of our ‘real feel’ skin covering. This model combines together the skin covering of the AirSim Advance with all the combined features of the AirSim Bronchi to provide a true, anatomically correct and visually accurate Bronchi trainer. The AirSim Advance Bronchi features an improved neck design allowing for accurate articulation and provides exceptional detail in both internal and external features

Product Name	Code	Description
AirSim Advance Bronchi	AA95100	AirSim Advance Bronchi model
AirSim Advance Bronchi	AA95101	AirSim Advance Bronchi with Breakout teeth



PRODUCT FEATURES

The AirSim Advance Bronchi can also be used in a similar manner to the AirSim Bronchi and can cover an extensive range of training requirements including Naso and Endo tracheal intubation.

**The AirSim Advance Bronchi unit will provide a solution to your training needs in:**  
Diagnostic bronchoscopy.  
Lung isolation techniques using left and right endobronchial tubes and bronchial blockers.  
Lung suctioning techniques.

**For clinicians and industrial clients, the AirSim Advance Bronchi is a leading choice for demonstration of items such as:**  
Fibre optic bronchoscopic equipment.  
Single and double lumen tubes and bronchial blockers.  
Specialised bronchial stents.

**Trucorp 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

Size 3 and 4 for LMA laryngeal masks (similar respective sizes for other supraglottic devices)  
Size 35F - 37F for endobronchial tubes.

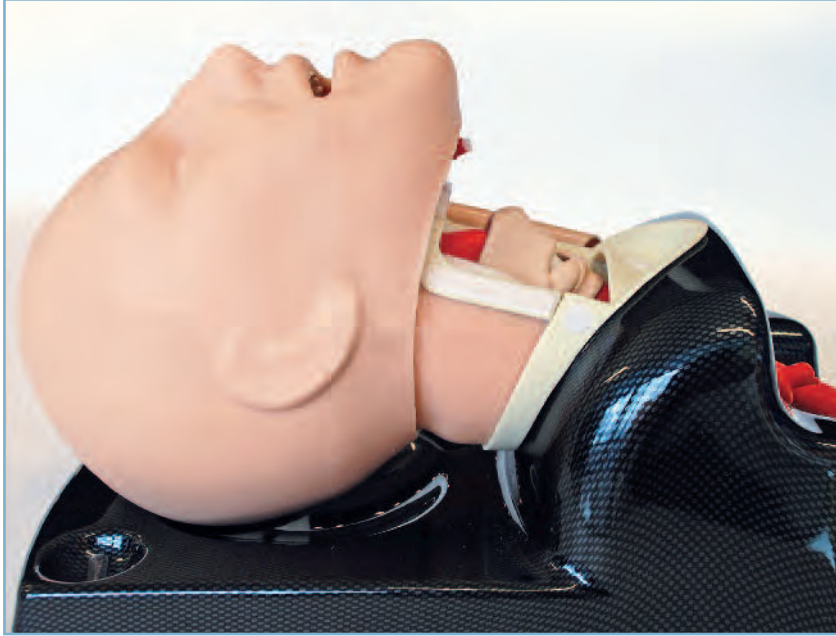


AIRSIM ADVANCE CRICO

The AirSim Advance Crico combines all the standard features of the Advance range with the addition of a simulated cricoid cartilage to facilitate training in both needle and surgical cricothyroidotomy procedure.

The AirSim Advance Crico is the solution for delivery of effective training in a comprehensive range of airway management procedures.

Product Name	Code	Description
Advance Crico	CR91100	AirSim Advance Crico model
Advance Crico	CR91101	AirSim Advance Crico model with Breakout teeth
Advance Crico	CR95100	AirSim Advance Crico model with Bronchial tree
Advance Crico	CR95101	AirSim Advance Crico model with Bronchial tree & Breakout teeth



PRODUCT FEATURES

The AirSim Advance Crico features the uniquely constructed AirSim airway designed to provide true, anatomically correct and visually accurate internal features, coupled with a “real-feel” skin covering.

**The AirSim Advance Crico is ideal for training in:**  
**Needle/Surgical Cricothyroidotomy.**  
**Awake fibreoptic examination.**  
**Tracheal & naso-tracheal intubation.**  
**Video and standard laryngoscopy - including Sellick Manoeuvre.**  
**Use of full range of supraglottic devices.**  
**Effective Bag Mask Ventilation.**

Trucorp supply the following consumables to ensure optimal performance of the Advance Crico:

**RS100X - Replacement neck skin attachments**  
**LA1000 - Replacement larynx**  
**ST1000 - Sealing tape for trachea**





AIRSIM ADVANCE LARYNX

The AirSim Advance Larynx has been designed to offer realism in the training of microlaryngeal surgical and laser techniques. Evolving from Trucorp’s AirSim Advance Crico it has been uniquely designed to give optimal realism while training in a theatre environment. The AirSim Advance Larynx comes with disposable silicone vocal cord inserts for training in surgical techniques for removing cancerous pathologies on the vocal cords. It also comes with Trucorp’s new specially developed “TLT” material vocal cords which highlight a range of cancers and polyps for the use of training in CO2 laser removal techniques.

Product Name	Code	Description
AirSim Advance Larynx	LT91100	AirSim Advance Larynx model for ENT training
AirSim Advance Larynx	LT91101	AirSim Advance Larynx model with Breakout teeth
AirSim Advance Larynx	LT95100	AirSim Advance Larynx model with Bronchi tree
AirSim Advance Larynx	LT95101	AirSim Advance Larynx model with Breakout teeth and Bronchi tree



PRODUCT FEATURES

Provides a realistic ‘real feel’ skin covering model for training in the theatre environment

Has disposable silicone vocal cord inserts with correct tissue characteristics and variant degrees of pathologies for surgical techniques

Has our new ‘TLT’ material used in our vocal cords highlighting variant cancers and polyps which can be successfully removed using a Co2 laser.

Improves Surgical competence through an anatomically accurate internal model with highly accurate laryngeal pathologies.

Trucorp supply the following consumables to ensure optimal performance of the Advance Larynx:

**Laser procedures:**  
LVC-C1 -Cancer 1 – Single small Cancer  
LVC-P2- Polyp 2 - Two small polyps  
LVC-C2 – Cancer 2 – One single large Tumour

**Surgical procedures:**  
SVC-C1 - Cancer 1 – Single small cancer  
SVC-P2 - Polyp 2 - Two small polyps  
SVC-C2 - Cancer 2 – One single large Tumour

**LAR200 - Larynx cover**  
**LS1005 / LS1010 - Overlaying skin in packs of 5 or 10**



AIRSIMBABY

AirSim Baby is the first edition of Trucorp's family of advanced airway paediatric manikins. True to its heritage, AirSim Baby has realistic anatomy and a clinical functionality that enables basic and advanced paediatric airway management.

AirSim Baby facilitates training in the use of bag/mask ventilation, supraglottic airway insertion and both naso and orotracheal intubation. In addition, it can be used with all current videolaryngoscopes.

Product Name	Code	Description
AirSim Baby	JR10001	AirSim Baby for paediatric airway management training



PRODUCT FEATURES

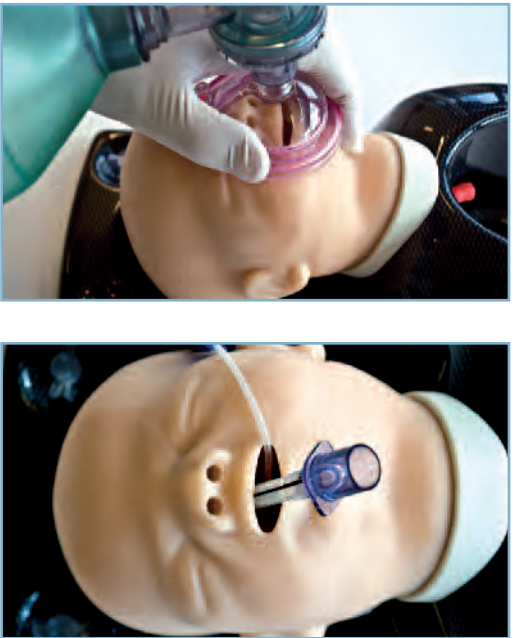
Realistic airway allows for training in all aspects of infant airway management including positive pressure ventilation, insertion of laryngeal masks and endotracheal intubations (nasal and oral)

Recommended sizes of tracheal tubes are 3.5-4.0, recommended size of supraglottic airway is size 1.

Realistic external and internal anatomical features allow for easy and successful demonstration of all paediatric videolaryngoscopes.

Recommended size of videolaryngoscope is size 1.

Presented on a lightweight but sturdy frame, AirSim Baby comes shipped with its own lungs to demonstrate correct tube placement and is neatly packaged with its own lightweight case for easy transportation.





# AIRSIM PIERRE ROBIN 😊

The AirSim Pierre Robin is the next evolutionary addition to the TruCorp Paediatric range. It was developed in collaboration with clinicians from Children’s Hospital Los Angeles to highlight difficult airway management techniques on infants with Pierre Robin Sequence. The AirSim Pierre Robin’s anatomically correct airway has been constructed from real CT data. The model allows for training in all aspects of infant airway management including bag mask ventilation, naso and orotracheal intubation.

Product Name	Code	Description
AirSim Pierre Robin	PR10000	AirSim Pierre Robin for difficult paediatric airway management training



**PRODUCT FEATURES**

The AirSim Pierre Robin is a very specialized product showing the various congenital defects of a paediatric patient with Pierre Robin Sequence.

Features significant mandibular hypoplasia, glossoptosis, cleft palate and a bifid uvula. It is an anatomically correct model with very realistic features to allow for high fidelity training of difficult airway management.

This model will be far superior to any other difficult intubation model on the market due to the attention to detail and the expert feedback present during development.

As with other TruCorp products the model is presented on a lightweight and sturdy frame.

The model comes shipped with its own lungs to demonstrate correct tube placement. It is neatly packaged in its own lightweight case for easy transportation.

Recommended sizes of tracheal tubes are 3.5-4.0 and recommended supraglottic airway is size 1



# AIRSIM CHILD 😊

AirSim Child is the latest addition to the AirSim Pediatric range of advanced airway models. This anatomically correct six-year-old child manikin has both realistic size and anatomical features perfect for practicing paediatric airway management skills, including bag/mask ventilation, supraglottic airway insertion, naso and orotracheal intubation. Developed in conjunction with the Children’s Hospital Los Angeles, it is based on true CT data and this latest model offers quality and affordability for paediatric airway management skills.

Product Name	Code	Description
AirSim Child	AC10006	AirSim Child for paediatric airway management training



**PRODUCT FEATURES**

The AirSim Child model allows for training in all aspects of infant airway management, including insertion of Laryngeal masks and endotracheal intubation both nasal and oral.

Realistic and true internal anatomical features allow for an efficient and successful demonstration of all paediatric videolaryngoscopes.

Recommended sizes of oro-tracheal tubes are # 5.5 – 6.0, naso-tracheal tubes # 4.5-5.0, recommended size of supraglottic airway is size 2 and recommended size of laryngoscope blade is # 2.

True to Trucorp’s products this model is presented in an aesthetically pleasing lightweight frame with lung bags included to illustrate correct tube placement. This model also comes with a lightweight carrier case as standard for ease of transport.



TRUMAN STANDARD

The Truman Standard manikin is an ideal training solution for emergency airway management and basic CPR technique.

Truman has been designed to facilitate full head tilt, chin lift and jaw thrust to allow students to prepare the airway prior to resuscitation

The Truman Standard model features the unique AirSim airway providing a life-like and anatomically accurate manikin for training in oral and nasal intubation. The airway is compatible with the full range of current supraglottic devices.

Airway ventilation is possible using pocket masks and bag-valve-mask techniques. Successful ventilation will provide a visible and accurate representation of chest rise and fall.

The Truman Standard can also be utilised as a basic CPR training model. The realistic chest structure allows for easy identification of anatomical landmarks associated with CPR techniques.

Product Name	Code	Description
Truman Standard	TM10001S	Truman for Airway Management and Basic CPR Training



TRUMAN MULTI

The Truman Multi manikin has been designed and engineered to bring added realism to training in cardiopulmonary resuscitation (CPR) and simulation of defibrillation technique using an automated external defibrillator (AED).

These features, combined with the unique AirSim airway management system, enable Truman to deliver a comprehensive and cost effective training experience.

PRODUCT FEATURES

Truman features an innovative hand held controller with membrane touch pad. The instructor can pre-select AED training scenarios and control pace of learning or choose to train on CPR alone.

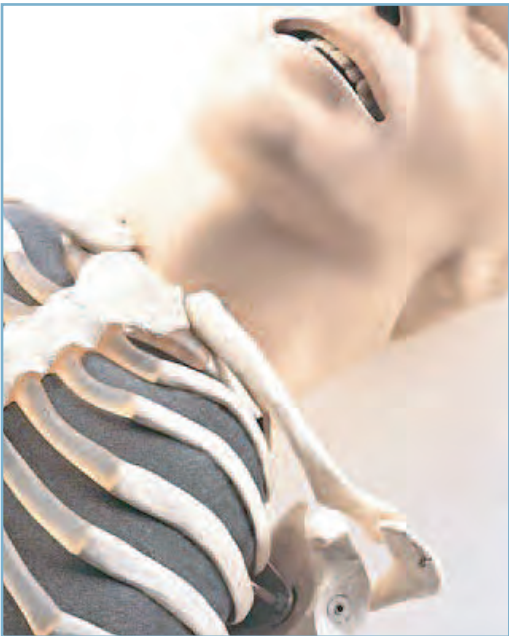
The monitor will deliver real-time output of key performance indicators in CPR training and also provides visual confirmation of correct placement of hands during CPR and also of electrodes during AED training.

Anatomical landmarks are detailed and “real feel” rib cage offers realistic resistance during CPR

Voice instructions and LED display on the console guide the student through the scenarios and AHA/ERC algorithms

All the Truman models have been designed to facilitate full head tilt, chin lift and jaw thrust to allow students to prepare the airway prior to resuscitation

Product Name	Code	Description
Truman Multi	TM10001M	CPR/AED/Airway management training including electronic feedback and monitor





## SHIPPING TERMS



### Ordering and Shipment

We require all orders to be submitted with our distributor or directly with Trucorp. Orders can be taken by fax, post and email with the submission of a purchase order. An email confirmation will be sent to the buyer/purchaser within 24 hours of TruCorp receiving the order and any queries will be discussed at this time.

All orders are subject to added delivery costs and carriage which will be calculated and added onto the invoice\*

For all large shipments we will communicate the best possible freight cost available and liaise with you before dispatch.

If ordering within the European Union for the first time please provide your VAT number

For all customers that need additional paperwork or documents to ensure successful importation of our goods, must let Trucorp know of these upon placing an order to ensure enough time for arranging the documents.

Full import taxes/duty will be paid by the customer upon acceptance of the shipment unless otherwise stated by Trucorp.

\*(When a customer specific courier is not used and organized by the customer)

### Care, Handling and Storage

All our models contain polymer materials that if stored in direct sunlight or stored in temperatures other than that stated in the user manual will directly affect the quality and shelf life of the models. Always consult the usage/cleaning instructions supplied with the user manual for each product to ensure maximum model efficiency. When possible please transport the models in the carrier case provided to ensure adequate protection.



## REPAIRS AND DELIVERY



### Repairs

If a failure has occurred on any of the models please carry out the following to ensure correct returning procedure;

- Provide the serial number of the model which is on the underside of the model
- What apparatus and devices were used on the model.
- The number of units involved.
- Contact Trucorp on the contact information provided or directly to operations on [rcolhoun@trucorp.co.uk](mailto:rcolhoun@trucorp.co.uk)
- If applicable the unit can be returned for repair or the appropriate parts can be sent out for retrofit on site.

### Delivery

While we endeavour to meet your requirements please note that our normal delivery time is 3-4 weeks upon receipt of the Purchase order. If a product is needed for urgent need then please contact Trucorp and we will try to cater for your needs. Please also note that some models may have extended delivery times at certain peak times and/or when products from manufacturers have been delayed. You will be contacted well in advance by Trucorp sales team if your order will not be dispatched by your required date.

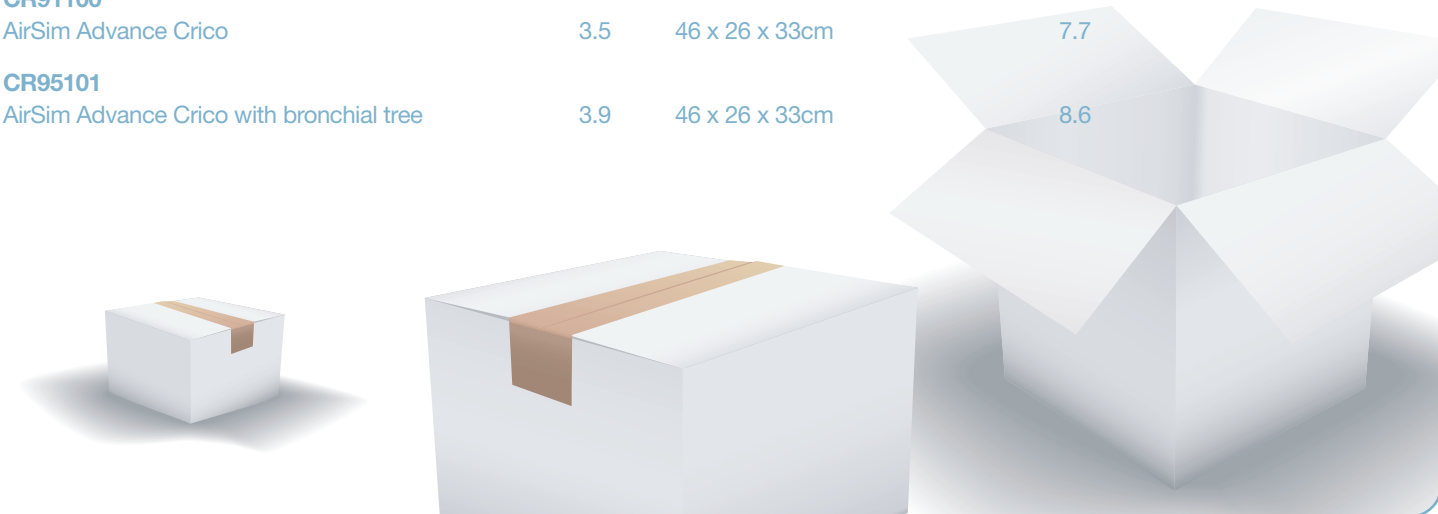






PRODUCT SHIPPING

Product Name	kgs	cm	lbs
<b>AA11100</b> AirSim Multi	3.05	46 x 26 x 33cm	6.7
<b>AA10000</b> AirSim Standard	3.05	46 x 26 x 33cm	6.7
<b>AA51100</b> AirSim Bronchi	3	46 x 26 x 33cm	7.3
<b>AA91100</b> AirSim Advance	3.5	46 x 26 x 33cm	7.7
<b>AA95101</b> AirSim Advance with Bronchial Tree	3.9	46 x 26 x 33cm	8.6
<b>JR10001</b> AirSim Baby Pediatric Airway	2	31.5 x 19 x 19cm	4.4
<b>PR10000</b> AirSim Pierre Robin	2	31.5 x 19 x 19cm	4.4
<b>AC10006</b> AirSim Child	2.6	39.5 x 24.2 x 21.5cm	5.7
<b>LT91100</b> AirSim Advance Larynx	3.5	46 x 26 x 33cm	7.7
<b>TM10001M</b> TruMan Multi	12.5	79 x 45 x 28cm	27.5
<b>TM10001S</b> TruMan Standard	12	79 x 45 x 28cm	26.4
<b>CR91100</b> AirSim Advance Crico	3.5	46 x 26 x 33cm	7.7
<b>CR95101</b> AirSim Advance Crico with bronchial tree	3.9	46 x 26 x 33cm	8.6



TRUCORP CONSUMABLES

Product Name	Code	Description
Airsim Advance Crico	LA1000	Replaceable Larynx
Airsim Advance Crico	RS1005/RS10010	Overlay neck skin attachments in packs of 5/10
Airsim Advance Crico	ST1000	Airway dealing tape
Laser procedures:		
Airsim Advance Larynx	LVC-C1	Single small Cancer
Airsim Advance Larynx	LVC-P2	Two small polyps
Airsim Advance Larynx	LVC-C2	One single large Tumour
Surgical procedures:		
Airsim Advance Larynx	SVC-C1	Single small cancer
Airsim Advance Larynx	SVC-P2	Two small polyps
Airsim Advance Larynx	SVC-C2	One single large Tumour
Airsim Advance Larynx	LAR200	Larynx cover
Airsim Advance Larynx	LS1005/LS1010	Overlaying skin in packs of 5 / 10
Truman Multi	AED001	AED spare defibrillation pads
General	TL001	Trucorp manikin lubrication
General	LB01	AirSim blue lung bag
General	PB01	Paediatric blue lung bag

