



CAE Blue Phantom FAST and TEE/TTE Ultrasound Training Model

Realistic and resilient ultrasound training models

CAE Healthcare's Blue Phantom ultrasound training phantoms are built with realism and durability so you can count on their lifespan. The Blue Phantom trainers support at least 20 medical specialties including central line insertion, breast biopsy, and transvaginal ultrasound exams. CAE's realistic ultrasound training phantoms realistically replicate human tissue in every way. Built with a patented self-sealing Simulex™ tissue, the training models image like real tissue using any clinical ultrasound system and cannulate like real tissue to support hands-on training. All training models, except Endovaginal and FAST, are available in a transparent configuration, upon customer request.

For more information on Blue Phantom ultrasound training models visit bluephantom.com.

Your worldwide training partner of choice



TEE + TTE Model made with SimulexUS™ tissue, includes:

- Clear Ultrasound Refill Solution
- Red Ultrasound Refill Solution
- Blue Ultrasound Refill Solution
- Storage Case



FAST and TEE/TTE Ultrasound Training Model

- Extremely realistic imaging; obtain images from all appropriate imaging positions including trans-esophageal and transthoracic imaging windows
- Train clinicians to develop and practice transthoracic cardiac ultrasound TEE and TTE echocardiography exams and pericardiocentesis procedures
- Constructed using Blue Phantom's patented ultra-realistic simulated human tissue providing users an extremely realistic training model
- Feels and cannulates like real human tissue
- Life size ultrasound training model containing anatomically correct anatomy including; non beating heart, lungs, ribs, liver, articulating head and jaw, and pericardial fluid
- Heart contains accurate anatomy including left & right ventricle, left and right atria, mitral valve, tricuspid valve, aortic valve, pulmonic valve, left atrial appendage, pulmonary arteries, pulmonary veins, ascending aorta, SVC, and IVC for extremely realistic imaging
- Excellent for 2-D, 3-D, and 4-D training
- Extremely durable; use for repeated training without the high cost of replacing disposable parts
- Extracted fluid is easily replaced using a quick fill port or continuous filling using a luer lock
- Contains anatomical landmarks for the most realistic simulation training
- Tissues match the acoustic characteristics of real human tissue providing uncompromising image quality, allowing you to teach using sonographically accurate models
- Performs well using any ultrasound imaging system
- Practice using ultrasound system controls
- High quality, proven technology
- Patented technology
- Size 39" x 21" x 15" (99cm x 53cm x 38cm) (L x W x H)
- Weight 100 lbs. (45.36 Kg.)
- Made in USA

Focused Assessment with Sonography for Trauma (FAST) Ultrasound Training Model

- Extremely realistic combination TTE, pericardiocentesis and Focused Assessment with Sonography for Trauma FAST exam ultrasound training model
- Excellent for training users to develop and practice the skills necessary to perform transthoracic echo (TTE), pericardiocentesis and FAST trauma exams using ultrasound imaging
- Use your ultrasound system to train users to perform a FAST exam
- Our realism makes your training better: all structures match the sonographic acoustic characteristics of real human tissue providing uncompromising image quality
- Experience the same imaging challenges as found in a human patient as applying the



- adequate transducer pressure in order to obtain images, bowel gas and intercostal access
- Adjustable internal bleeding levels allow users to individually vary the training scenarios based on the scenarios being presented
- Dynamically adjust internal bleeding states around the liver, spleen, heart, and bladder simulating a wide range of pathological scenarios
- Fully imageable upper and lower torso; contains the liver, gallbladder, kidneys, spleen, heart, pericardial fluid, lungs, ribs, bowel, bladder, stomach, and skeleton allowing users to image the internal organs while encountering the imaging challenges found in the human patient
- Model extends from head to mid thigh
- Heart contains accurate anatomy including left and right ventricle, left and right atria, mitral valve, tricuspid valve, aortic valve, pulmonic valve, left atrial appendage, pulmonary arteries, pulmonary veins, ascending aorta, aortic arch, superior vena cava (SVC) and inferior vena cava (IVC) for extremely realistic imaging
- Train clinicians to develop and practice cardiac ultrasound echocardiography exams and pericardiocentesis procedures
- Available with transesophageal echocardiography (TEE) option
- Low cost of ownership: no replacement parts required
- Performs well using any medical ultrasound imaging system equipped with an abdominal transducer
- Practice using ultrasound system controls
- High quality
- No special storage requirements
- Patented technology
- Extremely durable; use for repeated training
- Prefilled with Blue Phantom Ultrasound Refill Solution
- Model comes with (1) 1 liter bottle of Clear Ultrasound Refill Solution, (1) 235 ml bottle of Red Ultrasound Refill Solution and (1) 235 ml bottle of Blue Ultrasound Refill Solution
- Use Blue Phantom Clear Ultrasound Refill Solution (BRS182-Clear) to simulate effusions, Red Ultrasound Refill Solution (BRS180-Red) to simulate arterial blood and Blue Ultrasound Refill Solution (BRS181-Blue) to simulate venous blood
- Size 46" x 20" x 12" (117cm x 51cm x 30cm) (L x W x H)
- Weight 108 lbs. (50 Kg.)
- Made in USA