

HumanX Cardiothoracic training system

Our modular cardiothoracic surgery training system is suited for minimally invasive procedures and open surgeries in the thoracic area. The training system enables development, testing and training of medical devices as well as the learning and training of basic skills and different procedures.

It is suitable for radiological examinations and intraoperative imaging and it is constructed for multiple use. By using the customized replacement kit (included in delivery) the training system can be reassembled into the initial state.

Structure:

- customized skin replica with realistic characteristics, suited to sew
- modular design of subcutaneous and muscular tissue
- replicas of all relevant bone structures
(available as patient specific structure, e.g. funnel chest)
- representation of internal organs by request like heart, lungs
(available as patient-specific structure, e.g. tumor imaging)
- representation of blood vessels by request (available as fluid-filled structure)

Training exercises:

- diagnosis and finding procedures
- open Surgery + Minimally invasive surgery
- heart surgery (beathing heart)
- vascular surgery (patientspecific aortic aneurysm)

Dimensions: 65 x 45 x23 cm

Weight: about 5 kg

Delivery : within 4 - 8 weeks
delivered in a metal transport box (70 x 47 x43 cm)

