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SEM- Scientific Educative Methods in Science, Engineering & Medicine

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SECTRA Virtual Dissection Table - 1 year Education Portal

Item No.	1021917
Weight	300kg
Dimensions	75.6 x 160 x 75.6 cm
Brand	SECTRA
MPN:	F18
Previous Item No.	1019814

Read More

SKU:

Categories: Virtual Dissection Table












Product Description

SECTRA is one of the world's leading providers of IT systems for managing medical images and patient information with more than 1,800 installations worldwide. The Education Portal builds on this global network and gives teachers and students a powerful tool for interactive, problem-based learning. The extensive library of real patient cases and the complete human anatomy atlas can be accessed from any touch device. Empower clinical thinking and collaboration through anatomy, radiology, pathology, histology and embryology modules. **Problem Based Learning:** Enable students to transfer foundational concepts into clinical medicine with complete patient cases (fully anonymized rare and common pathologies). Integrated radiology and histology images with diagnostic quality.
Unprecedented image quality: High resolution and full screen histology images with full range of capabilities (cell counting, zoom with different staining, measurements, layer focus, and more). You can also add realistic effects like light and shadows in the 3D reconstruction for additional visual clues.
Lightning fast: Data is stored in the cloud enabling extremely fast access to files, quick response times, and real time synchronization. No more downtime in the classroom waiting for images to load.
Access anywhere: SECTRA Education Portal works anywhere and on any device. It is a cloud-based system built on the powerful and globally established PACS radiology software. It is FDA and CE certified and includes automatic software updates. **Global collaboration:** Upload any DICOM data (automatic anonymization) to securely share it with the global network or keep it in your private data space. Store and review clinical case, add your own annotations (in 2D and 3D), prepare classroom and exam files, and bookmark your current case. **Access anywhere:**
SECTRA Education Portal works anywhere and on any device. It is a cloud-based system built on the powerful and globally established PACS radiology software. It is FDA and CE certified and includes automatic software updates.
Teacher and student licenses:

- Easy bi-directional way to share cases, generate URLs with a click of a button
- Students have access from any touch device to study the cases
- Teacher have access from any device and can prepare cases from the SECTRA PACS software
- Students can follow the teacher's screen on their device while the presentation is synchronized in real time. They can also request control of the screen to share their questions and answers

Curriculum

- Anatomy Pathways
- Virtual Edge
- Cadaver Dissection Guide
- Surface Palpation Guide
- The Anatomy of clinical procedures
- Radiology library related to 3D anatomy
- Muscle Tables
- WELLS Center Clinical Skills

Unique Content:

- 4D videos of CT
- Histology
- Complicated cases
- Veterinary cases
- Integrated cases (pathology + US + photo + RX + MMG)
- Comparison cases
- New imaging technique cases (7Tesla MR)

Optional: 3D Trauma Tool for Orthopedic Surgery Planning and Debrief The planning system offers a set of tools aimed at clinical training and pre-operative planning of trauma cases. These tools allow users to interactively evaluate and discuss different cases and strategies, making the table ideal for surgical training.

- Hide: Hide anatomical structures irrelevant to the damaged area that may obscure the trauma site
- Reposition: Align fragments automatically by placing landmarks
- Explode: Separate fragments in order to study them separately
- Template: Import 3D templates from CAD drawings
- Distances: Measure distances in 3D space

	SECTRA Board	SECTRA Table

Education Portal		
1 year	**1020935**	**1021917**
3 years	**1020937**	**1021918**
5 years	**1020939**	**1021919**
Hardware		
Screen	86”	65”
Resolution	UHD	4K QLed UHD
Touch method	InGlass™ 20 touch-capacitive screen	QLed 10 touch-capacitive screen
Screen tilt	90°	0 – 90°
Can be used as	a blackboard or with a stand	a motorized stand with wheels and adjustable height
Possibility to mount on a wall	YES	–
Adjustable height	–	YES
Dimensions (W x H x D)	216 x 145 x 29 cm	155 x 118 x 921cm (in table position)
Weight	88 kg	220 kg
Software		
Software updates	done automatically, free of charge within the license period	
Software certificates	FDA and CE	
Cloud-based	YES	
Import own histology data as well as CT and MRI scans	YES	
3D rendering	YES	
Add comments, bookmarks and annotations in 2D and 3D	YES	
Orthopedic surgery planning tool	via SECTRA 3D Trauma optional	
PowerPoint viewer	YES	
Anatomy curriculum with Radiology images developed with Monash University	YES	
Can be used for clinical diagnostics	yes, SECTRA is one of the world’s leading providers of IT systems for managing medical images	
Best in KLAS award	YES	

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of SECTRA products in India with over 30 years of experience supplying advanced virtual dissection and medical imaging education equipment to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

FAQ Q: How does the SECTRA Table differ from the SECTRA Board? A: The Table is a smaller (65"), height-adjustable, motorized unit on wheels, while the Board is a larger (86") wall-mountable screen delivered without a stand.

Q: How do I order from SEM Trainers? A: Contact sem@semtrainers.com or call +91-88495 63724 for pricing and availability.