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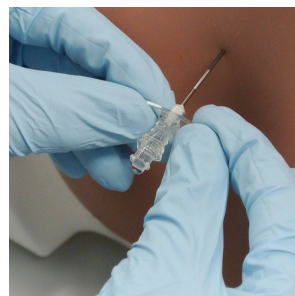
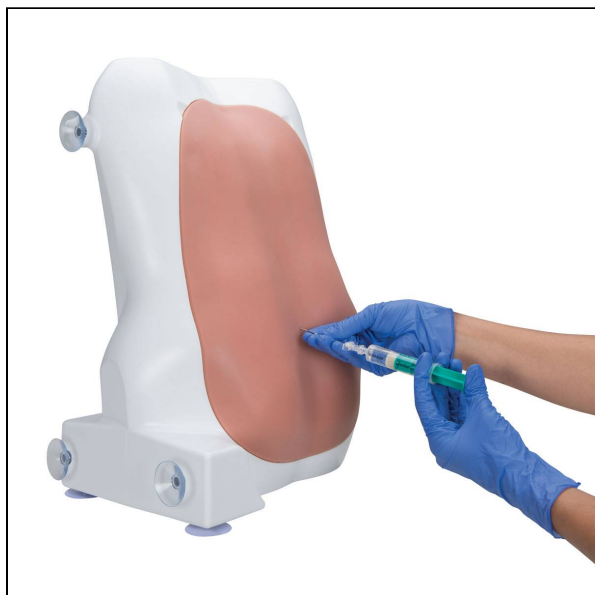
Epidural and Spinal Injection Trainer

Item No. 1017891 [P61]
Weight 4.9kg
Dimensions 45 x 35 x 24 cm
Brand 3B Scientific

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SKU:

Categories:Epidural and Spinal



Product Description

Why Choose the 3B Scientific Epidural and Spinal Injection Trainer (P61) for Your Simulation Lab in India?

The Epidural and Spinal Injection Trainer (Item No. 1017891 / P61) by 3B Scientific, Germany is a 4.9 kg, 45 × 35 × 24 cm epidural and spinal injection simulator, developed and manufactured in Germany in close cooperation with epidural anaesthesia specialists — delivering extremely realistic haptic feedback in a light, compact, low-operating-cost design. For anaesthesiology training programmes, obstetric anaesthesia courses, pain management training, and NMC-mandated clinical skills labs in India that need a standalone, high-fidelity epidural and spinal injection trainer with authentic needle-tip sensation, the P61 is the procedural training platform at the centre of the 3B Scientific anaesthesiology product family.

The P61 trains epidural anaesthesia using both the loss-of-resistance technique and the hanging-drop technique — the two primary methods used clinically, which require different needle-tip feedback profiles that this trainer replicates distinctly. Spinal anaesthesia training delivers realistic resistance of the dura and arachnoid mater with or without a cannula, and an epidural catheter can be inserted into the epidural space for threading practice. The fluid-filled spinal canal has a realistic CSF outflow rate adjustable via excess pressure settings, enabling CSF pressure simulation and collection alongside injection technique practice. The closed water system minimises mess and simplifies cleanup between sessions, and all components are easy to clean — a practical advantage for high-volume training environments.

Delivery contents: 1 base body, 1 vertebral bar, 1 LOR insert (loss-of-resistance), 1 skin, 1 spinal canal with connector, 1 water collection container, 1 × 10 cm tube, 2 × 100 ml injections with cap, 1 spacer ring for injection, 1 extension tube for hanging-drop technique, 1 carry bag. Compatible accessories available separately: Spare Skin (XP61-001) and dedicated Carry Bag (1018079).

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of 3B Scientific products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, faculty orientation, and dedicated after-sales support.

Frequently Asked Questions

Q: Which epidural techniques does this trainer support? A: Both the loss-of-resistance (LOR) technique and the hanging-drop technique, each with distinct haptic feedback — plus spinal anaesthesia with realistic dura and arachnoid mater resistance.

Q: Can an epidural catheter be threaded through this trainer? A: Yes. An epidural catheter can be inserted into the epidural space for catheter threading practice.

Q: What accessories are available separately? A: The Spare Skin (XP61-001) for consumable replacement and the dedicated Carry Bag (1018079) for transport — both available from SEM Trainers.

This epidural and spinal injection trainer is very impressive thanks to its **extremely realistic haptic feedback**, and the use of high-quality, hard-wearing materials.

Thanks to close cooperation with epidural anesthesia specialists, incomparably realistic conditions could be recreated.

The light, compact structure can be used in a wide variety of ways. The device has low operating costs and is intuitive to use, ensuring lasting, high-level performance.

A summary of the device's main functions:

- epidural anesthesia using the loss-of-resistance and the hanging-drop technique
- spinal anesthesia with realistic resistance of the dura and arachnoid mater with or without a cannula
- fluid-filled spinal canal with realistic outflow rate thanks to the ability to adjust the excess pressure
- an epidural catheter can be inserted into the epidural space
- closed water system
- easy to clean

Developed and manufactured in Germany!

The trainer is suitable for both medical training and for specialist medical training.

Delivery contents: The epidural and spinal injection trainer (P61) includes: 1 x base body 1 x vertebral bar 1 x LOR insert (loss-of-resistance) 1 x skin 1 x spinal canal with connector 1 x water collection container 1 x 10 cm tube 2 x 100 ml injections with cap 1 x spacer ring for injection 1 x extension tube for the hanging-drop technique 1x carry bag