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PneumatoSim™ Pneumatic Otoscopy Upgrade Kit

Item No.	1021952
Weight	1kg
MPN:	12-101

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SKU:

Categories: Ear, Nose and Throat Examination

Product Description

Add-on to the OtoSim 2™ which focuses on pneumatic otoscopy. Through hands-on insufflation and otoscopy experience, students can enhance their skills and confidence in using a pneumatic otoscope.
Why Choose the PneumatoSim™ Pneumatic Otoscopy Upgrade Kit for Your Simulation Lab in India?

The PneumatoSim™ Pneumatic Otoscopy Upgrade Kit (Item No. 1021952, MPN: 12-101) is a 1 kg hardware and software upgrade kit that adds pneumatic otoscopy training to the OtoSim 2™ Otoscopy Training System — combining hands-on insufflation and otoscope manipulation with the OtoSim 2™'s digital simulation environment to train the complete pneumatic otoscopy skill set. For ENT residency programmes, general practice training, paediatric medicine programmes, and clinical skills labs in India

that use the OtoSim 2™ and want to add the ability to train pneumatic tympanic membrane assessment, this kit unlocks the pneumatic otoscopy simulation module within the OtoSim 2™ software and provides the pneumatic hardware needed for realistic insufflation practice.

Pneumatic otoscopy is the gold standard technique for diagnosing middle ear effusion in children — distinguishing serous otitis media from normal or retracted tympanic membranes through observed membrane mobility under controlled air pressure. Research consistently shows this technique is poorly performed by most clinicians due to inadequate training on the correct amount of pressure to generate and how to interpret tympanic membrane movement. The PneumatoSim™ kit addresses this directly: students gain both hands-on insufflation experience with a pneumatic otoscope and digital feedback on correct technique through the OtoSim 2™ software's pneumatic otoscopy simulation slides, building the skill and confidence required for accurate clinical pneumatic otoscopy.

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

Frequently Asked Questions

Q: What does this kit require to function? A: The OtoSim 2™ Otoscopy Training System (1021950) must be owned first — PneumatoSim™ is an add-on upgrade kit and does not function as a standalone product.

Q: What clinical skill does pneumatic otoscopy training address? A: Assessing tympanic membrane mobility under controlled air pressure — the gold standard technique for diagnosing middle ear effusion in children, which is widely undertrained and frequently performed incorrectly in clinical practice.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 to confirm OtoSim 2™ compatibility before ordering.