

OtoSim 2™ Otoscopy Training & Simulation Unit



OS11-002

OtoSim 2™ is an integrated system that dynamically improves the accuracy of diagnosing pathologies of the ear through experiential and interactive learning. Both students and current professionals can practise to improve their knowledge base of ear pathologies and otoscope technique. A database of 380 high resolution images allows for numerous training scenarios.

As an upgrade to OtoSim 2™, the OphthoSim™ (OS13-001) can be purchased.

Learning has never been more lifelike

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Skills

- Practise otoscopy skills with modular vision
- Proper landmark identification

Product Qualities



- Realistic ear geometry- ear form with realistic shape and feel, shape and composition with various ear canal complexities: 'introductory', meatal stenosis and angulation of canal
- Tympanic membrane
- Adult and paediatric ears both left and right geometries available



- Unique optics enables OtoSim to project a 1cm wide image of the tympanic membrane - a realistic clinical scenario.
- Instrumented to detect the user's movement and displays the viewed region of the ear drum



- Proprietary database of over 380 high-resolution images of various ear pathologies
- Accompanying detailed educational descriptions and histology images
- Landmarking function to highlight specific features to be viewed by the student through an otoscope, encouraging student/instructor interactions
- Intuitive, easy-to-use graphic interface
- On/off function to capture student's attention



- Sufficient content and quizzes for student self-tutorial
- Multiplexing function - connect up to 14 OtoSim units at the same time to deliver a consistent message and efficiently use instructor time

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| • 1 Base unit | • 1 Control Box |
| • 1 OtoSim 2™ Software & Manual on USB key | • 2 Protective hard cases |
| • 1 Adult Right & Left Earform | • 1 Instrumented Otoscope |
| | • 1 Year Warranty |

Optional Accessories

PneumatoSim™ Pneumatic Otoscopy Upgrade Kit for OtoSim 2

OS12-101



With the Pneumatic Otoscopy Trainer for OtoSim™, students will learn to: make a proper seal at the opening of the ear canal with a 5mm pneumatic speculum; apply appropriate positive and negative pressures for various ear pathologies using the pressure graph; identify and be familiar with the way the tympanic membrane behaves and looks when insufflated under various ear pathologies (eg. normal vs. a fluid-filled membrane).

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| • 1 Pneumatic Ear with Pressure Hose |
| • 1 Pneumatic Otoscope |
| • 1 PneumatoSim Software & Manual on USB Key |
| • 1 Year Warranty & Protective Case |

Accessories & Extended Warranties

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| OS31-003 | Paediatric Earform (right ear) |
| OS31-003L | Paediatric Earform (left ear) |
| OS51-001 | OtoSim Approved & Configured Laptop |

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| OS52-002 | OtoSim Recommended USB2.0 multi-port hub |
| OS71-001 | OtoSim 2 2 Year Extended Warranty |
| OS71-002 | OtoSim 2 3 Year Extended Warranty |

OtoSim
BETTER EAR AND EYE TRAINING. BETTER OUTCOMES



For demonstration or to order

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