



## SEM TRAINERS & SYSTEMS

WHERE TIME MOVES AHEAD TO KEEP PACE WITH KNOWLEDGE

SEM- Scientific Educative Methods in Science, Engineering & Medicine

**Mobile :** +91 88495 63724  
**Mobile 1:** +91 98791 03905

**Email:** sem@semtrainers.com  
**Website:** www.semtrainers.com



## Digital Ear Examination Trainer, Light

Item No. AR402  
Weight  
Make: Adam, Rouilly Limited, UK

[Read More](#)

**SKU:**

**Categories:** Ear



### Product Description

#### Why Choose the Adam Rouilly AR402 Digital Ear Examination Trainer for Your Clinical Skills Lab in India?

The Digital Ear Examination Trainer, Light (Item No. AR402) is a high-resolution digital otoscopy

training simulator from Adam Rouilly, UK — developed in collaboration with **Professor Tony Wright, Emeritus Professor of Otolaryngology** — designed to give medical students, ENT residents, nursing trainees, and general practice programmes their first structured, repeatable experience of ear examination before they encounter a live patient. It is the most clinically comprehensive single-ear digital examination trainer in the catalogue, presenting **48 common and less common ear conditions** via a high-resolution digital display embedded behind a soft, flexible, anatomically accurate pinna and ear canal that replicates the feel and approach of real otoscopy.

The high-resolution digital display eliminates the degradation and fading that affects printed tympanic membrane discs over time, ensuring every student sees the same consistent, high-quality image regardless of how many training sessions the unit has been through. The digital control panel cycles through all 48 conditions with an examination cover available to hide the condition number from the trainee, enabling objective assessment without prompting. The unit runs on battery or worldwide mains power and includes a sleep mode to conserve power between sessions — practical features for busy simulation labs.

For labs that also need eye examination training, the AR402 is available as a combined set with the **AR403 Digital Eye Retinopathy Trainer** — see the **AR405 Digital Eye and Ear Examination Trainer Set**.

#### **48 Ear Conditions Presented (Right Patient Ear):**

Normal I · Normal II · Ear Wax (Cerumen) · Swimmer's Osteoma · Fungal Ear I · Fungal Ear II · Acute Viral Ear · Acute Secretory Otitis Media I · Resolving Secretory Otitis Media · Acute Secretory Otitis Media II · Acute Secretory Otitis Media III · Perforation following Acute Suppurative Otitis Media (ASOM) · Childhood Glue Ear · Glue Ear in a Child with a Dermoid Cyst in the Eardrum · Adult Glue Ear · Standard Ventilation Tube in the Membrane · Infected Mini Grommet with Otitis Externa Secondary to a Mucus Discharge · Permanent Ventilation Tube in Place · Large Perforation of the Tympanic Membrane · Posterior Perforation of the Tympanic Membrane · Two Small Traumatic Perforations following a Blow to the Ear · Subtotal Perforation of the Tympanic Membrane · Perforation with Tympanosclerosis · Grommet Scar Healed · Tympanosclerosis of Tympanic Membrane · Posterior Retraction · Retraction onto Long Process of the Incus · Retraction with Loss of Long Process of the Incus and Keratin Trail · Retraction with Loss of Long Process of the Incus · Posterior Retraction Pocket onto Jugular Bulb and with Middle Ear Fluid · Retraction with Early Keratin Build Up · Childhood Attic Retraction · Deep Attic Retraction · Attic Retraction Accumulation Keratin – Underlying Cholesteatoma · Extensive Accumulation with Cholesteatoma in Middle Ear · Wet Cholesteatoma · Clean Dry Reconstructed Mastoid Cavity · Old Style Mastoid Cavity with Residual Cholesteatoma · Mastoid Cavity with Fistula into Lateral Semicircular Canal · Congenital Cholesteatoma · Large Congenital Cholesteatoma · Ear Canal Cholesteatoma I · Ear Canal Cholesteatoma II · Keratosis Obturans · Glomus Tympanicum Tumours · Glomus Jugulare Tumour · Foreign Bodies · Aural Polyp

Includes: rigid carrying case, mains adaptor with worldwide plug fixings, and instruction manual.  
**2-year manufacturer guarantee.**

**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: Who developed the clinical content for this trainer?** A: The AR402 was developed in collaboration with Professor Tony Wright, Emeritus Professor of Otolaryngology, ensuring the conditions presented reflect genuine clinical presentation standards.

**Q: How many ear conditions does the trainer include?** A: 48 conditions covering the full spectrum from normal anatomy through common infections, perforations, glue ear, retractions, cholesteatoma, tumours, and foreign bodies.

**Q: How does the examination cover work?** A: A physical cover hides the condition number displayed on the control panel, preventing the student from seeing which condition is active — enabling objective, unprompted competency assessment.

**Q: Can this unit be used without a mains connection?** A: Yes. The AR402 runs on battery or worldwide mains power. A sleep mode conserves battery between sessions.

**Q: Is there a paired eye examination trainer available?** A: Yes. The AR402 pairs with the AR403 Digital Eye Retinopathy Trainer and is available as a combined set — the AR405 Digital Eye and Ear Examination Trainer Set.

**Q: What is the warranty?** A: 2 years, covering durability and functionality under correct use conditions.

**Q: What is included in the box?** A: Rigid carrying case, worldwide mains adaptor, and instruction manual.

Adam Rouilly offers a wide selection of Clinical Skills Simulators - Ear/Eye Examination. Explore our diverse collection tailored for precise medical training needs. Our simulators provide effective tools for ear and eye examination techniques, meeting educational needs. Discover how our range enhances teaching and learning experiences.

### Skills

Developed in collaboration with **Professor Tony Wright, Emeritus Professor of Otolaryngology**, our new **AR402 DIGITAL EAR EXAMINATION TRAINER** has been designed to facilitate the most realistic training experience in ear examination. Using high resolution digital screen technology, the trainer

includes **48 common and less common ear conditions** as well as an anatomically accurate ear structure to offer a comprehensive training solution for ear examination and use of an otoscope. The trainer is also available as an educational set together with our **AR403 DIGITAL EYE RETINOPATHY TRAINER** – please see the **AR405 DIGITAL EYE AND EAR EXAMINATION TRAINER SET**

## Features

- Simple to set up and use
- Soft, flexible and realistic pinna and ear canal
- High resolution digital display
- Easy to use, digital control for ear conditions
- Examination cover to hide displays of condition numbers
- Battery or worldwide mains power compatible
- Sleep mode to conserve power

## 2 Year Guarantee

- This model, manufactured by Adam,Rouilly, comes with a 2 Year Guarantee. This guarantee applies to models which have been used correctly and covers durability and functionality.

## Digital Ear Conditions

**Ear conditions and diseases presented digitally for the right patient ear:** 1. Normal I 2. Normal II 3. Ear Wax (Cerumen) 4. Swimmer's Osteoma 5. Fungal Ear I 6. Fungal Ear II 7. Acute Viral Ear 8. Acute Secretory Otitis Media I 9. Resolving Secretory Otitis Media 10. Acute Secretory Otitis Media II 11. Acute Secretory Otitis Media III 12. Perforation following an Acute Suppurative Otitis Media (ASOM) 13. Childhood Glue Ear 14. Glue Ear in a Child with a Dermoid Cyst in the Eardrum 15. Adult Glue Ear 16. A Standard Ventilation Tube in the Membrane 17. Infected Mini Grommet with Otitis Externa Secondary to a Mucus Discharge 18. Permanent Ventilation Tube in Place 19. Large Perforation of the Tympanic Membrane 20. A Posterior Perforation of the Tympanic Membrane 21. Two Small Traumatic Perforations following a Blow to the Ear 22. Subtotal Perforation of the Tympanic Membrane 23. Perforation with Tympanosclerosis 24. Grommet Scar Healed 25. Tympanosclerosis of Tympanic Membrane 26. Posterior Retraction 27. Retraction onto Long Process of the Incus 28. Retraction with Loss of Long Process of the Incus and Keratin Trail 29. Retraction with loss of Long Process of the Incus 30. Posterior Retraction Pocket onto Jugular Bulb and with Middle Ear Fluid 31. Retraction with Early Keratin Build Up 32. Childhood Attic Retraction 33. Deep Attic Retraction 34. Attic retraction Accumulation Keratin – Underlying Cholesteatoma 35. Extensive Accumulation with Cholesteatoma in Middle Ear 36. Wet Cholesteatoma 37. Clean Dry Reconstructed Mastoid Cavity 38. Old Style Mastoid Cavity with Residual Cholesteatoma 39. Mastoid Cavity with Fistula into Lateral Semicircular Canal 40. Congenital Cholesteatoma 41. Large Congenital Cholesteatoma 42. Ear Canal Cholesteatoma I 43. Ear Canal Cholesteatoma II 44. Keratosis Obturans 45. Glomus Tympanicum Tumours 46. Glomus Jugulare Tumour 47. Foreign bodies 48. Aural Polyp

## Includes

- Rigid Carrying Case
- Mains adaptor with worldwide plug fixings
- Instruction Manual

## Manufacturer

Adam,Rouilly