

# EAR Examination Simulator II



MW12



Ear Examination Simulator II is an upgraded model to acquire safe and reliable skills for examining the external acoustic meatus and tympanic membrane with a direct otoscope. Featured is an alarm when painful insertion is detected. The alarm has two modes: self-learning mode (with a beep), and instructor mode (silent).

## Features

1. Alarm against painful insertion: beep (self learning mode) & red light (silent mode).
2. 9 major cases are preset.
3. Quick switch between cases.
4. Ear canals come in 2 sizes.
5. Anatomically correct soft ear model that allows training in straightening the auditory canal by pulling the auricle.
6. Work with a real otoscope.
7. The manikin neck can be tilted.
8. Training is possible with both left and right ears.

## Training Skills

- Ear examination with an otoscope
- Ear wax and foreign body removal



Warning against painful insertion

## Set Includes

- 1 manikin head and shoulder
- 4 types of ear units – 1 pair each
  - Exam Ear (normal)
  - Exam Ear (stenosis)
  - FB Ear (normal)
  - FB Ear (stenosis)

- 1 set of foreign body removal kit
  - simulated ear wax, small toy, small sponge fragments and a spoon

## Manikin Size

W42 x D21 x H39 cm

## Cases

- |   |                          |
|---|--------------------------|
| 1 normal                                | 6 cholesteatoma          |
| 2 serious otitis media (SOM)            | 7 tympanosclerosis       |
| 3 mucoid otitis media (MOM)             | 8 traumatic perforations |
| 4 chronic otitis media with perforation | 9 cerumen block          |
| 5 acute suppurative otitis media (AOM)  |                          |



## New Features

### 1 Alarm against painful insertion

The tip of the instrument is localized by sensors and harmful insertion is warned by: beep (self-learning mode), silent red and yellow light (instructor mode).

#### Examination

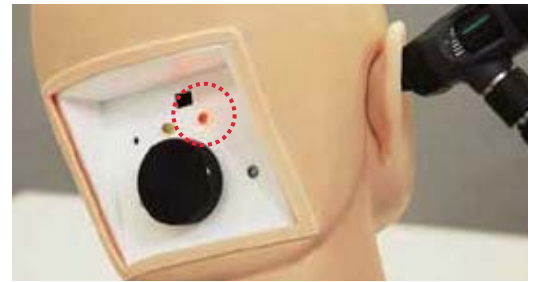
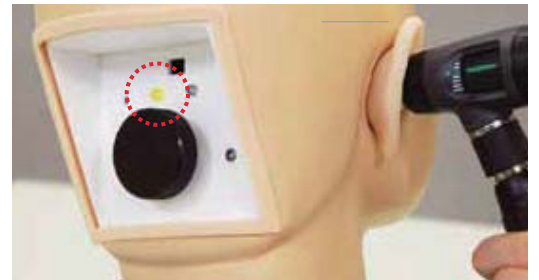
- When the tip of the instrument passes the bony part of the ear canal: yellow warning lamp and intermittent beep
- When the tip of the instrument reaches eardrum: red warning lamp and a continuous beep

#### Foreign body removal

- When the tip of the instrument reaches the eardrum: red warning lamp and a continuous beep

Training modes can be changed by the switch located on the back shoulder.

1. Self-learning mode: warning with sounds
2. Instructor/examination mode: warning with lamps only



### 2 The cases can be switched over by the simple dial

- The number appears in the window indicates the chosen case.

### 3 Two canal sizes for all cases



## Replacement Parts

ear units and foreign body set (11391-010)

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| 4 types of ear units – 1 pair each | 1 set of foreign body removal kit |
| -Ear Exam (normal)                 | -simulated ear wax, small toy     |
| -Ear Exam (stenosis)               | sponge fragments and a spoon      |
| -FB Ear (normal)                   |                                   |
| -FB Ear (stenosis)                 |                                   |