

MW61



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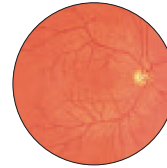


NEW

Digital EYE Examination Simulator

Innovative Eye Examination Simulator

Our standard Eye Examination Simulators are utilized by many simulation centers. This digital version of the Eye Examination Simulator is an upgrade to showcase various innovative features.



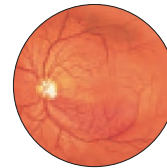
▲ Normal eye-ground



▲ Papilloedema (acute phase)



▲ Hypertensive retinopathy



▲ Glaucomatous optic atrophy



Selection by button The back screen enables the instructor to monitor students and track the cases during examinations

FEATURES

- 40 cases of fundus images (including 10 common diseases) are pre-installed for eye examination training and viewable on 160dpi monitor
- Custom fundus image can be programmed into the simulator via USB
- For eye examination training with all types of direct ophthalmoscopes
- The preprogrammed fundus images are taken from actual cases in order to properly reproduce appropriate representative views of the eye unit
- Real clinical images
- Lens-equipped eyeball units that simulate the visual axis of the human eye
- Soft and supple material, making the raising of the eyelid realistic

SKILLS

- Fundus examination with real ophthalmoscope

CASES

- Normal eye-ground
- Hypertensive retinopathy: arteriolar vasoconstriction grade 3, arteriosclerosis grade 1, hemorrhages and cotton wool spots, simple vein concealment
- Simple/background diabetic retinopathy: microaneurysm, hemorrhages and hard exudates
- Papilloedema (chronic phase)
- Papilloedema (acute phase)
- Glaucomatous optic atrophy: glaucomatous optic disc cupping and nerve fiber defect
- Retinal vein occlusion (acute phase): flame-shaped hemorrhage and cotton wool spots
- Retinal vein occlusion (after retinal laser photocoagulation)
- Toxoplasmosis: retinochoroiditis
- Age-related macular degeneration: macular exudates and subretinal hemorrhage

KEY FEATURES

Additional images (30 cases)

- 3 types of Enlarged optic disc recess
- Enlarged optic disc recess (Tilted disc)
- Enlarged optic disc recess (Infiltrate spot)
- 2 types of Drusen
- 2 types of Enlarged optic disc recess with drusen
- Macular Drusen

- Optic disc haemorrhage
- Haemorrhage
- 2 types of Chorioretinal atrophy
- 4 types of Vitreous clouding
- 2 types of Retinal nerve fiber layer defect
- Pigmentation

- Haemorrhage with Vascular white sheath
- Photocoagulation spots
- 3 types of Epiretinal membrane
- Keratoconus
- Macular Degeneration
- Megalopapilla; eye exudate

DESCRIPTIONS

- For product codes of the alternate skin tone versions of this model, please refer to www.kyotokagaku.com.

SPECIFICATIONS

Size: W42 x D21.5 x H38 cm / W16.5 x D8.5 x H15 in. Weight: 2.5kg / 5.5lbs
Power Consumption : 2.5W

SET INCLUDES

- 1 manikin head and shoulder
- 1 pupil switch
- 3 steps (2, 3.5, 5mm diameter)
- 1 carrying case
- 1 instruction manual

MATERIALS

*Latex is included in the blower

* ophthalmoscope is not included.