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**Product Name :**

Ophthalmoscope Set

**Product Code :**

SLE/MDE/07



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## Description :

**Ophthalmoscope Set** (Product Code: SLE/MDE/07) is a direct ophthalmoscope, a diagnostic head threaded onto a handle, used to view the interior of the eye as an upright, magnified image during eye examinations in clinics, hospitals and medical teaching. It offers a lens range of atleast -20D to +20D, 12–16x magnification and red-free, blue, green and polarization filters,packed in a hard case. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India, within its scientific & laboratory instruments range.

### Specifications

| Parameter | Detail |
|---|---|
| Type | Direct ophthalmoscope set: diagnostic head threaded on a handle |
| Light intensity | 8,000–12,000 lux |
| Colour temperature | Cool white, 3100–5500 K |
| Optics | Dust-free sealed optics; aspherical optical system; anti-reflection lens |
| Lens range | Not smaller than -20D to +20D, in steps not greater than 1D |
| Magnification | 12–16x |
| Filters | Red-free, blue, green and polarization |
| Apertures | Small, large, semi-circle and fixation star |
| Lens material | Scratchproof; glass (preferred) or plastic |
| Handle | With on/off switch |
| Batteries | AA or rechargeable; supplied without batteries |
| Battery life | At least 5 hours of use on full charge or fresh batteries |
| Weight | Under 0.20 kg without batteries |
| Protection | Liquid splash resistant |
| Operating conditions | 10–40 °C, relative humidity 15–90 % |
| Storage conditions | 0–50 °C, relative humidity 15–90 % |
| Case | Hard storage case |
| Product code | SLE/MDE/07 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is an Ophthalmoscope Used For?

An ophthalmoscope lets the examiner look through the pupil at the retina, optic disc and blood vessels at the back of the eye. In this direct design the instrument is held close to the patient's eye, a iner so th

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