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Product Name :

Light Examination Mobile w/access

Product Code :

SLE/HE/06



Science Lab

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Description :

Light Examination Mobile w/access (Product Code: SLE/HE/06) is a mobile halogen examination light used to light up a patient during examinations, dressings and minor procedures in outpatient rooms, wards and gynaecology clinics. Its single 12 V, 40–50 W lamp gives 40,000–50,000 lux at 0.5 m in a focused 10-degree spot, and the head sits on an adjustable flexible arm. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Light source	Halogen, single lamp 12 V, 40–50 W
Illuminance	Homogeneous light, 40,000–50,000 lux at 0.5 m
Colour temperature	3,000–3,600 K
Light beam	Spot field of view, 10-degree light beam
Head mounting	Pole stand; light head on an adjustable flexible arm
Head height range	100–140 cm
Base	5 swivel castors and 2 brakes; low centre of gravity, sturdy construction
Controls	On/off switch; electronic transformer incorporated
Power supply	AC powered, 220 V / 50 Hz
Power consumption	40–50 W
Product code	SLE/HE/06
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Mobile Examination Light Used For?

Doctors and nurses wheel the examination light to the couch and bend the flexible arm so the narrow beam falls on the area being examined – a wound, the throat, the skin or the field of a gynaecological examination. The 10-degree spot concentrates the light at short working distances, which is why its output is quoted at 0.5 m rather than the 1 m used for theatre lights.

Set the head within its 100–140 cm height range, switch it on at the lamp's own switch and keep it at a comfortable distance from the patient, as halogen heads become warm in use. The five-castor base stays steady when moved, and the two brakes hold it in place during the examination. The light is AC powered for 220 V / 50 Hz mains, with no battery listed.

What to Specify When Ordering

- Confirmation that the site mains supply is 220 V / 50 Hz.
- The number of lights needed per clinic, ward or examination room.
- The accessories expected with the "w/access" version, which the listing does not itemise.
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