Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

S-Range Digital Colorimeter - 240V

Product Code :

SLE/ME/40



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Description :

S-Range Digital Colorimeter - 240V (Product Code: SLE/ME/40) is a single-cuvette digital colorimeter used to measure the absorbance and transmission of coloured solutions in school, college and teaching laboratories. Chemistry and biology teachers use it for concentration and reaction-rate work, and its eight colour filters span 430–700 nm with push-button automatic zeroing. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory analytical instruments supplier.

Specifications

Parameter	Detail
Absorbance ranges	0–1 (linear) and 0–2
Transmission range	0–100% (linear)
Max. initial absorbance of reference solution	0.8A, 1.0A, 10% (as listed for the ranges)
Zero adjustment	Automatic, push-button zeroing with LED indicator (automatic gain control)
Light source	6V, 0.15A MES lamp
Filters	8 colour filters, 430–700 nm (violet to red), in a rotatable filter holder
Detector	Silicon photodiode
Output	0–1V sockets, fitted as standard, for dataloggers or computers
Cuvette holder	Single holder for 10 mm path length cuvettes
Ambient light	Insensitive to normal ambient lighting
Mains version	240V
Dimensions	380 × 160 × 80 mm
Mass	1.5 kg
Supplied with	2 m detachable mains cable, filter disc, spare lamp, dust cover for the filter disk and cuvette socket
Product code	SLE/ME/40
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the S-Range Digital Colorimeter Used For?

Colorimetry lets students turn the intensity of a colour into a number. With the S-Range Digital Colorimeter, a class can prepare standard solutions, plot absorbance against concentration to demo
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