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Product Name :

Spare Colour Filter Wheel for S-Range Digital Colorimeter

Product Code :

SLE/ME/49



Description :

Spare Colour Filter Wheel for S-Range Digital Colorimeter (Product Code: SLE/ME/49) is a replacement filter wheel used to select the measuring colour band in the S-Range Digital Colorimeter in teaching and college laboratories. It carries eight narrow-pass filters in a plastic circular mount, running from violet (380–470 nm) to red (625 nm to infrared). It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which handles lab equipment spare parts for the instruments it supplies.

Specifications

Parameter	Detail
Compatible instrument	S-Range Digital Colorimeter
Number of filters	Eight narrow-pass filters
Mount	Plastic circular mount
Violet	380–470 nm
Blue	440–490 nm
Blue/green	470–520 nm
Green	500–540 nm
Yellow/green	530–570 nm
Yellow	560–610 nm
Orange	580–700 nm
Red	625 nm to infrared
Product code	SLE/ME/49
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Spare Colour Filter Wheel Used For?

The filter wheel decides which band of light passes through the sample in the colorimeter, so a scratched, cracked or faded wheel quickly spoils results. Keeping a spare wheel lets a school replace a damaged one at once, or run two colorimeters for parallel classes. For each experiment, pick the filter whose colour is complementary to the solution: a blue copper(II) solution absorbs most strongly in the orange-red, while a yellow solution calls for a violet or blue filter.

Handle the wheel by its plastic mount only, so the filter surfaces stay free of fingerprints, and keep it under the colorimeter's dust cover or in a clean box when it is not fitted. A quick test with a known solution after changing wheels confirms that readings are consistent with earlier results.

Supplier

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Harya
Spare

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