

Spectrometer Standard (College Type)



Product Categories: [Microscope](#), [Microscopes](#)

Product Tags: [biology lab equipment](#)

Product Page:

<https://www.labappara.com/product/spectrometer-standard-college-type-2/>

Product Description

Spectrometer Standard (College Type) - Laboratory Equipment

Specially designed to give best possible results , Protected 150 mm scale divided on precision machine. Telescope is fitted with achromatic objective. Collateral has an adjustable precision slit with jaws of non rusting metal. Packed in a beautiful plywood box.

Spectrometer Collimator:-Its purpose is to produce parallel beam of light. It is fitted with special quality of 150 mm F.L. achromatic object glass and of wide clear aperture. It is fitted with rack & pinion focusing.

Slit:- It is fixed to the Collimator tube end and is of stainless steel. It has two sharp edges, which are optically true, one edge is fixed while other moves parallel to it.

Telescope:- It is an astronomical telescope fitted with an achromatic objective of highest quality and clear aperture. It is mounted on another are which is fixed rigidly to the circular scale of the spectrometer. The telescope along with the scale can be turned round a vertical axis passing through the centre of the spectrometer.

Prism Table:- It has an upper plate and lower plate separated by three springs through which it pass three leveling screws. A series of concentric circle with the axis of rotation of the prism as its centre, are engraved on the prism table along with two lines at right angles passing through the centre of the prism table.

Base:- The sturdy base with heavy casting along with two level screws gives the instrument stability and horizontal leveling.

Optional Accessories:-

Diffraction Grating

Sodium Vapour Lamp, Transformer Sodium Lamp Wooden Box.

Magnifiers 4"

Prism