

Product Name :

Constant Deviation Spectrograph

Product Code :

SLE/M/39



Description :

Specifications:-

Base: Heavy stable base having a pillar on which mounted a platform collimator/telescope prism housing.

Prism table: Carrying prism pillion and broca type refractive index 1.65/1.74 housed properly with a cover rotatable by wavelength drum, outside.

Telescope: Fitted on the platform, focussed by rack/pinion, achromatic objective with light resolution, eyepiece with a scale last count 0.01 cms.

Collimator: With achromatic objective having high resolution operable by rack & pinion, having slit variable opening by micrometer screw.

Prism:

Glass prism e. D. F.

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Extension mount for keeping I. G. Plate/Edser butler

Plate/ Fabry Perot etalon.

Extra attachments for telescope:-

a) Attachment for converting c. D. S. into monochromator.

b) Micrometer eyepiece – filter type reading 0.001 cms.

c) Camera for above with plate holder.

d) Plate holder for camera.

General accessories for the instruments:-

a) Standard accessory bar- nearly 3 feet long.

b) Fabry Perot etalon-aperture 30mm etalon with separation 3mm, 5mm, 10mm as desired by customer.

c) Edser butler plate for determining wavelength.

d) I. G. Plate

e) Stand for I. G. Plate

f) Condenser on stand.