



# CCD based Constant Deviation Spectrometer

## Nvis 672CCD



Note Shown image is just for illustration original may differ

### Principle and Working:

The apparatus uses CCD imaging instead of photographic silver halide films. It has become difficult to carry out silver halide film based spectroscopic experiments in class rooms due to the unavailability of consumables and hurdles in its processing. CCD imaging of the spectrum is a timely solution. Data acquisition is easy and fast. As most of the commercial spectrometers are based on digital imaging, students get an exposure to the latest trends in spectroscopy.

### Technical Specifications

Constant deviation Spectrometer with Mercury lamp, Reading Lamp, constant deviation prism.

Design	- Constant deviation 120 F
Prism type	- Pellin Broca (N-SF1)
Refractive index	- 1.7
Wavelength range	- 380 - 680nm
Resolution	- 0.1 nm
Input	- Micrometer controlled slit with complete instruction manual