

## **Spectral installation for auroral optical emissions measurements**

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Imaging spectrograph SpectraPro 306 and CCD TV camera with microchannel image intensifier IPentaMax were used to create optical installation for optical emissions of the auroral atmosphere registration. Due to gimbal mounting it is possible to tilt optical axis of the installation up to 30°-45° from vertical direction. In addition, it is possible to rotate entrance slit of the spectrograph in the bounds of  $\pm 90^\circ$  relative the optical axis. Camera and spectrograph are controlled with computer, experimental data are stored on the hard disk. Base technical characteristics of the spectral installation are presented as well as parameters of the original software, which is used for control of the device among with firm software. Samples of the auroral spectra are shown.