



X-ray solar monitor equipped with a concentrator optics

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A technical description is given of a new small size FoV (Field of View) X-ray spectrometer equipped with a single reflection double concentrator. This new instrument is dedicated mainly for off-solar coronal observations.

This kind of small size FoV X-ray spectrometer would be an ideal tool for scientists, who are studying the size and spatial morphology of the solar corona in the soft X-ray range, e.g. for experimental axion physics. Due to the enhanced sensitivity, the better time resolution (i.e. shorter integrations) will enable coronal observations on a rotating platform, as well as stabilized scanning observations.