

## Calibration of emitting energy from visible part in the spectroscope

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The spectroscope calibrated is of a focus distance 25cm, and is a lightweight and a transportable type. For the light source, a halogen lamp of color temperature 3200K, life time 100 hours, and power 500W is used and the lamp is cooled with air by means of fan blower. The emitting slit width of spectroscope is set up by 0.1nm, and the emitting energy is calibrated. The method is compared with real work -like method, the influences for calibration precision of the point at issue that appeared was considered. If fitting to a period, we would like to report calibration precision as a surface light source of the last target.