

VTD VAKUUM TECHNIK DRESDEN B-240.

The B-240 vacuum equipment is made in Germany and was purchased in 1986. It was sent to Germany for modernization in 2005 and was installed and put into operation in 2007.

In June 2013, a 2-meter mirror was aluminized on a B-240 vacuum unit. The last renovation of the mirror surface was carried out in 1978 in Karl Zeiss Jena (Germany).

Repeated aluminization has significantly increased the efficiency of the optical system of the 2-meter telescope. It is now possible to obtain reliable CCD spectra with $94 \text{ \AA} / \text{mm}$ variance near $H\gamma$ line of the Seifert galaxies up to 16 m in size, with a high resolution of objects up to 11 m star size ($R = 28000$) in the Kassegren focus.



B-240 Vacuum equipment

Cleaning a Telescope Mirror





Mirror Alignment

