
Vacuum installation for physical sorption processes investigation

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The article describes an installation for vacuum experiments. It enables to investigate adsorption in a wide temperature and pressure range. Temperature can vary from cryogenic level till 500 K. The installation is universal and allows to carry out investigations for different adsorbents with different gases by both stationary and dynamic techniques.

Keywords: *installation, adsorbents, adsorption equation, gas flow, thermocouple, heat gas flow regulator, regeneration factor, rate of saturation.*

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