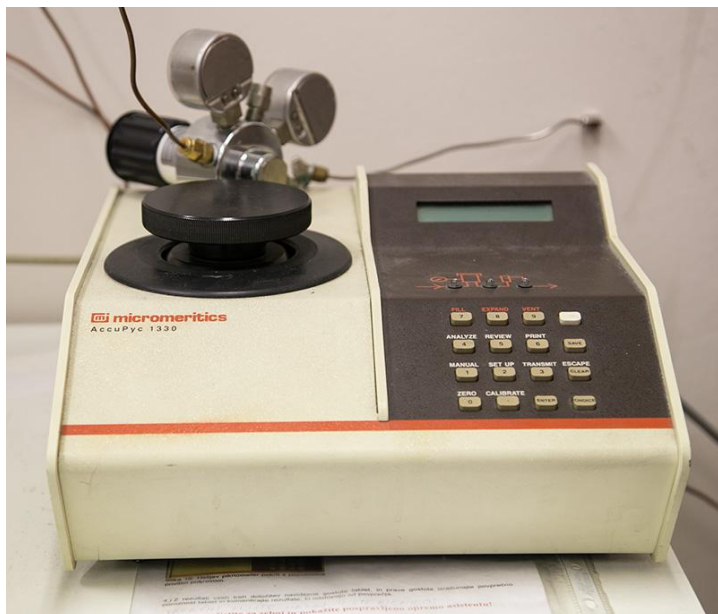


Helijev piknometar

AccuPyc 1330, Micromeritics, Norcross, GA, ZDA



S He-piknometrom izmerimo pravo gostoto praškastih trdnih snovi.

Naprava deluje na osnovi plinskega zakona. Določimo volumen vzorca po spremembi tlaka He v celici z določenim volumnom.

Iz podatka za maso (tehtanje) piknometar izračuna pravo gostoto.

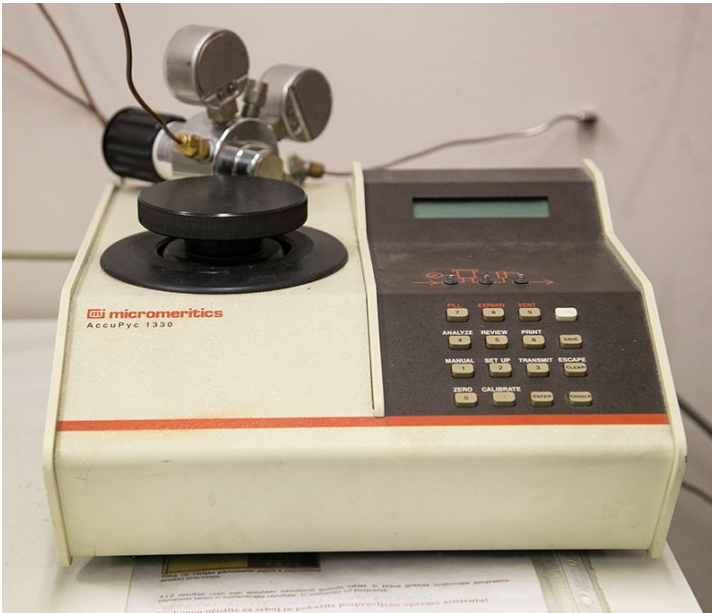
Značilnosti:

- Aparat poda pravo gostoto kot povprečno vrednost treh meritev
- Masa vzorca: ≈ 5 g

Lokacija: Katedra za farmacevtsko tehnologijo

Helium pycnometer

AccuPyc 1330, Micromeritics, Norcross, GA, USA



By He-pycnometer the true density of solids can be determined.

The basic principle of the instrument is based on gas law. True volume of the sample is determined based on the pressure change of He in the chamber with fixed volume. Knowing the mass of the sample the true density of the sample is determined.

Properties:

- The apparatus determines the true density of the sample as an average value of three measurements
- Sample weight: ≈ 5 g

Location: Department of Pharmaceutical Technology