



Contract Gas Pycnometer Services

Piers Lincoln
Commercial Manager
p.lincoln@bradford.ac.uk
01274 236193



Kit operated by IPI CIC



Micromeritics
AccuPyc 1330TC

The AccuPyc 1330TC Series Pycnometers are fast, fully automatic analyzers that provide high-speed, high-precision volume measurements and density calculations on a wide variety of powders, solids, and slurries. Using a **gas displacement technique** to measure volume.





Product Features

- Measures the absolute density of solids and slurries having volumes up to 10cm³
- Completely automatic operation
- Integrated analysis module

How it works

The AccuPyc works by measuring the amount of displaced gas. The pressures observed upon filling the sample chamber and then discharging it into a second empty chamber allow computation of the sample solid phase volume. Gas molecules rapidly fill the tiniest pores of the sample; only the truly solid phase of the sample displaces the gas.

A sample chamber of 1 cm³ or 10 cm³ can be selected to provide the best fit with your samples. The run precision mode allows you to achieve high repeatability. The instrument automatically purges water and volatiles from the sample and then repeats the analysis until successive measurements converge upon a consistent result.

Contact Us

Piers Lincoln
Commercial Manager
Institute of Pharmaceutical Innovation
Centre of Industrial Collaboration
University of Bradford
Bradford
BD7 1DP
+44 (0)1274 236193
p.lincoln@bradford.ac.uk