

## Automatic gas pycnometer

### Description/Parameters

The automatic gas pycnometer Pycnomatic ATC (Thermo Fischer Scientific) provides quick and accurate results for skeletal density of determinations of powders and solids. It is a unique device thanks to the integrated temperature control, which prevents the influence of the volume change when the temperature changes during the test. To determine the actual density, it is possible to choose from 5 chambers of different volume for storing the sample.

### Utilization/Services

Density measurement of solid materials. Based on the technique of gas displacement to measure real density of solid and powders, Pycnomatic ATC delivers unrivalled fast and accurate results.

- The manifold containing the sample and the expansion chambers is temperature regulated with a precision of  $\pm 0.01$  °C.
- Temperature control precision and real multi-volume capability assure the best accuracy, reproducibility, speed and flexibility in real density tests.
- The reporting can be done automatically, either printing on paper or to a computer.
- No filters are necessary.

