Product name:	Product code:
True Density Gas Pycnometer for Powders	CMI-IND-0330

Description

Helium pycnometer determining true or skeletal density of powders and porous solids. Used in ceramic, pharma, battery and mineral labs. Helium fills open pores, so the result reflects the real solid density of the sample.

Technical specification

- Sample cells
- Calibration sphere
- Helium regulator

A weighed sample in a calibrated cell is subjected to helium at fixed pressure and expanded to a reference chamber. Pressure change gives volume by gas law and density with repeatability of 0.03 percent.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Helium gas displacement
- Cell sizes 10, 35, 100 cc
- Automatic purge and run
- Temperature compensated
- Results with standard deviation

Technical Specifications

Cell volume options	10, 35, 100 cm3
Accuracy	+/-0.03% of reading
Gas	Helium 99.995%
Pressure	up to 19 psig
Cycle time	3 to 5 min
Temperature control	Thermostat 25 deg C
Power	230 V AC, 50 Hz
Standards	ASTM D2638, ASTM B923, ISO 12154

Standard Accessories