



Taha Kimia Tajhiz Co.



# Digital Gasometer Model 2331D Datasheet

Gasometer



# Model 2331D

## *DIGITAL GASOMETER*

### **An Important Tool for Reservoir Analysis**

The Model 2331D Gasometer accurately measures atmospheric gas in the PVT laboratory. It allows precise measurements with a minimum of technique, as required by wet test meters, gas burettes and mercury displacement gasometers.

### **Designed For Flexibility and Simplicity**

The design of the Model 2331D consists of two chambers which can be used separately or in series to provide a wide range of volume-resolution combinations. Each chamber contains an atmospheric volumetric pump with the piston connected to a measuring device, including a scale, a vernier, a pressure-adjusting knob and digital temperature and pressure displays.

The chambers each contain a floating piston connected to a rack and pinion that can be positioned through panel control knobs. The movement and position of the pistons can be monitored by the dual digital volume meters which are calibrated in cubic centimeters. The measured gas remains in its separated condition, non-contaminated to guarantee that further true gas analysis is possible.

Materials in contact with the gas will resist the corrosive effects of hydrogen sulfide. Safety shields and relief valves are provided for protection.



### *FEATURES*

- ✓ Two Volume Chambers Allow Operation as Three Gasometers: 1000 cm<sup>3</sup>, 2000 cm<sup>3</sup>, 3000 cm<sup>3</sup>
- ✓ Digital Meters Display Gas Volumes
- ✓ Mercury-Free, Design
- ✓ Sour Gas Compatibility
- ✓ Verniers for Precise Volume Measurement

## Specifications

Total Capacity	3000 cm <sup>3</sup>
Left Side Capacity	2000 cm <sup>3</sup>
Right Side Capacity	1000 cm <sup>3</sup>
Accuracy	0.2% of Reading
Maximum Pressure	50 inches of water / ~2 psi / 14 kPa
Scale Resolution	0.1% of Full Scale

### Utilities

Power 110 / 220 VAC 50/60 Hz, 30 A

### Typical Weights and Dimensions\*

Dimensions (w x d x h) 13.31 in. x 7.69 in. x 40.31 in. / 33.81 x 19.53 x 102.4 cm  
Weight 35 lb / 16 kg

*Manufacturer's specifications subject to change without notice*



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