

# SPECIFICATIONS

## ASAP<sup>®</sup> 2060



### CRYOGEN SYSTEM

<b>Analysis Time</b>	Unlimited. Cryogen dewars may be refilled without affecting the accuracy of results.
<b>Capacity</b>	3 liter dewar, which typically provides greater than 72 hours of unattended analysis.
<b>Special Features</b>	Isothermal Jackets maintain cryogen level constant on sample tube and PO tube during analysis while evaporation of cryogen occurs.

### ELECTRICAL

<b>Voltage</b>	85-264 VAC
<b>Frequency</b>	47-63 Hz
<b>Power</b>	150 VA

### ENVIRONMENT

<b>Temperature</b>	10 to 30 °C, operating 0 to 50 °C, storing or shipping
<b>Humidity</b>	20 to 80% relative, noncondensing

### GASES

Argon, carbon dioxide, nitrogen, krypton, and other suitable gases

### MANIFOLD TEMPERATURE TRANSDUCER

<b>Type</b>	Platinum resistance device (RTD)
<b>Accuracy</b>	+ 0.02 °C

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### PHYSICAL

Height	94.5 cm (37.2 in)
Width	38.1 cm (15.0 in)
Depth (chassis)	59.0 cm (23.2 in)
Depth (with vacuum tube)	68.1 cm (27.1 in)
Weight	68 kg (150 lbs)

### PRESSURE MEASUREMENT

Accuracy: Includes nonlinearity, hysteresis, and nonrepeatability. Transducer manufacturer's specifications. All within 0.15% of reading.

Range	0 to 950 mmHg
Resolution	1000 mmHg Transducer: 0.001 mmHg 10 mmHg Transducer: 0.00001 mmHg 0.1 mmHg Transducer: 0.0000001 mmHg

### SAMPLE SIZE

Sample tubes are available for various size pellets, cores, and powders. Sample tube stems are normally 1.27 cm (½ in) OD with 9 cc bulbs. Also available are 0.635 cm (¼ in) or 0.953 cm (⅜ in) OD with 9 cc bulbs. A 22-mm (0.87 in) ID, 25 mm (1.0 in) OD sample tube kit is also available. Special tubes can be designed to accommodate unusual samples.

### SYSTEM CAPACITY

Analysis	1 sample port and 1 saturation pressure tube
Total Operating Capacity	Up to four complete analysis units can be controlled independently by one computer. Single port, up to four individual instruments can share a single turbo vacuum system*

### COMPUTER REQUIREMENTS

Windows 7 Professional or higher operating system is recommended for the best user experience. If the computer is to be connected to a network, a second Ethernet port on the computer must be used for that purpose.

All users of the application will need Read/Write permission to all directories and subdirectories where the application is installed.

\* For optimum performance on a microporous sample, a dedicated vacuum pump is recommended

Due to continuous improvements, specifications are subject to change without notice.