

Smart VacPrep™

Gas Adsorption Sample Preparation Device

“Rapid-Start” Push Buttons for Quick Start-and-Stop Degassing

The new Smart VacPrep is an advanced six-port system that utilizes vacuum to prepare samples by heating and evacuation. Each of the ports may be operated independently. Samples may be added or removed from degas ports without disturbing the treatment of other samples undergoing preparation. Degassing automatically terminates when the samples have completed all programmed steps.

The Smart VacPrep software includes a set of default ramp and temperature parameters. However, you also have the option of programming each port with a different set of parameters. A record of the sample preparation time and temperature can be recorded as part of the sample data file.

The degas program may be started or terminated by using software installed on the computer attached to the analysis instrument or with push-buttons on the front panel of the Smart VacPrep. This time-saving, 'Rapid-Start' mode on each port gives you the ability to walk up to the instrument, attach the sample tube with heating mantle, and immediately start degassing a sample.

Features:

- High-throughput sample preparation with six independently controlled ports
- Preprogrammed ramp rates and temperatures allow for quick startup
- Create SOP methods through customizable degassing protocols with Windows® software
- Programmable pressure threshold can suspend the temperature ramp if the outgassing pressure exceeds the amount specified
- Status indicators at each port allow instant identification of completed sample degas routines
- Sample ports can accept 9 mm, 12 mm, 1/2 inch, and 3/8 inch sample tubes
- Compatible with 3Flex™, ASAP® 2460, TriStar® II, and TriStar® II Plus

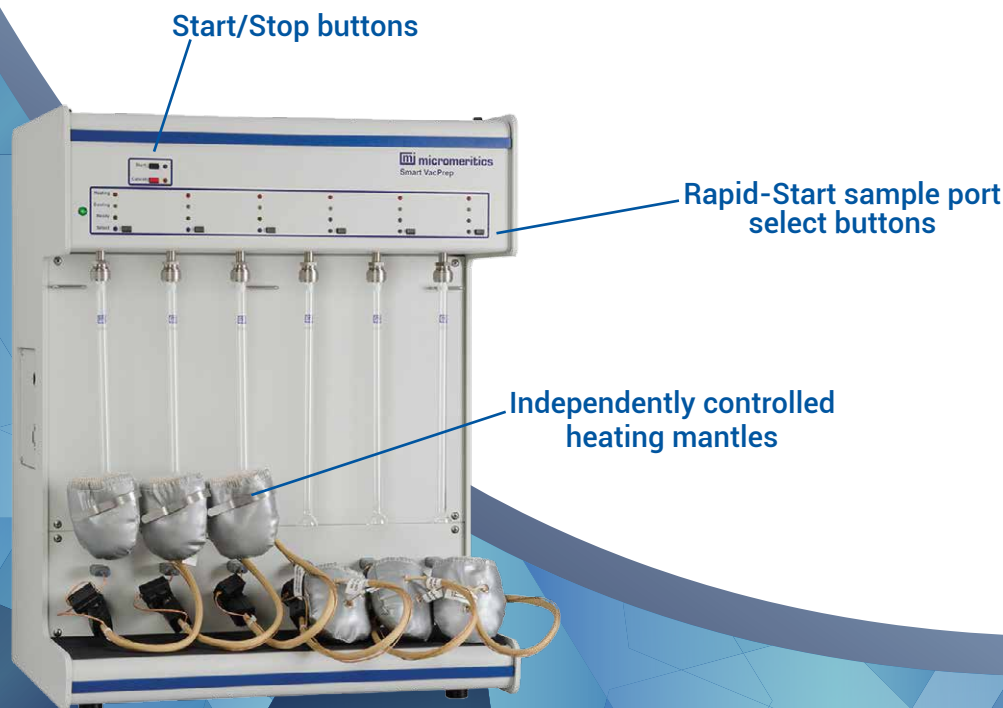


Smart VacPrep

Gas Adsorption Sample Preparation Device

Specifications:*

| | |
|------------------------------|--|
| Capacity: | Six ports |
| Degas Method: | Heat and vacuum |
| Vacuum Control: | Servo-controlled rates to minimize or eliminate sample elutriation |
| Evacuation Rate: | Selectable evacuation rate from 1.0 to 50.0 mmHg/s |
| Heating of Samples: | Heating mantles |
| Temperature Range: | 40 to 450 °C in one degree increments |
| Temperature Control: | One ramp during evacuation phase, five additional ramps during subsequent phases |
| Temperature Accuracy: | Deviation less than ± 10 °C at the sensing thermocouple embedded in the heating mantle |
| Heating Ramp Rate: | Selectable from 0.1 °C per minute to 10 °C per minute |
| Hold Time: | Zero to 999 minutes in one-minute increments |
| Backfill Options: | Automatic backfill |
| Dimensions: | Height 69 cm (27 in.), Width 53 cm (21 in.), Depth 43 cm (17 in.) |
| Weight: | 70 lbs (32 kg) |



*In keeping with a policy of ongoing product improvement, specifications are subject to change without notice