

Specifications

The SmartPrep degasser has been designed and tested to meet the specifications provided in the following table.

Table 1-1. SmartPrep Specifications

| Characteristic | Specification |
|----------------------|---|
| Degas Method | Flowing gas |
| Number of Stations | Six |
| Temperature Range | Ambient to 425 °C, in 1 °C increments; each station is controlled separately |
| Accuracy | ±5 °C of set point for temperatures up to 100 °C; ±10 °C for temperatures between 100 and 300 °C; ±15 °C for temperatures over 300 °C |
| Soak Time | 0 to 999 minutes, in 1-minute increments |
| Ramp and Soak Cycles | Up to 5 ramp and soak cycles |
| Ramp Rate | From 5 °C/min. to 20 °C/min. |
| Electrical | |
| Voltage | 85 to 265 VAC |
| Power | 500 VA Maximum |
| Frequency | 50/60 Hz |
| Environment | |
| Temperature | 10 to 35 °C, operating; 0 to 50 °C, nonoperating |
| Humidity | 20 to 80% relative, noncondensing |
| Gases Used | Nitrogen and other inert gases |
| Flow Rate | 0 - 500 cm ³ /min. |
| Physical | |
| Height | 50 cm (20 in.) |
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| Depth | 40 cm (16 in.) |
| Weight | 15 kg (33 lbs) |