

# Specifications

## Capacity

One or two 96-well microplates or deepwell plates.

## Physical Specifications

Height	12 inches (30.5 cm)
Width	23.5 inches (59.7 cm)
Depth	12.5 inches (31.8 cm)
Height with cover open	21 inches (53.3 cm)
Weight	50 lbs. (22.7 kg)

## Environmental

<b>Operating Temperature</b>	59° to 95°F (15° to 35°C)
<b>Operating Humidity</b>	0% to 85% relative humidity, non-condensing
<b>Storage Temperature</b>	50° to 122°F (10° to 50°C)
<b>Storage Humidity</b>	0% to 85% relative humidity, non-condensing
<b>Altitude</b>	Up to 2000M
<b>Indoor Use Only</b>	

## Power

<b>Input Voltage</b>	100/120 VAC +/- 10% 220/240 VAC +/- 10%
<b>Line Frequency</b>	50 - 60 Hz
<b>Fuse</b>	100/120 VAC: (1) 6A, F250V (P/N 38904) 220/240 VAC: (2) 3.15A, F250V (P/N 38902)

## Time Range

1 to 99 minutes with a one-second resolution.

## Temperature Control

Internal Temperature Two stations, each adjustable from 20°C (ambient) to 80°C ±5°C.

External Temperature **Minimum** **Maximum**  
Ambient 40°C (104°F)

State of Workstation	Cover	Plate temp <37°C System runs at ...	Plate temp >37°C System runs at ...
Turned on and initialized.	Either open or closed	Set temperature	37°C
Evaporation has started.	Closed	Set temperature	Set temperature
Evaporation has started.	Opened	Set temperature	37°C
Evaporation gas time is complete.	Either open or closed	Set temperature	37°C

## Gas Input

Use clean, dry, regulated, compressed nitrogen or other suitable gas. A carbon trap is recommended.

### WARNING



*Never use hydrogen or other flammable gases. The wrong gas may explode or catch on fire.*

Gas Supply Fitting 3/8 in. (9.5 mm) outside diameter: Use the gas tubing supplied.

Inlet Pressure

- Minimum 30 psi (2.1 bars)
- Maximum 80 psi (5.52 bars)

## Exhaust Output

Exhaust port 2 in. (5.1 cm) outside diameter. Vent hose is supplied.

Vent hose 2 in. (5.1 cm) inside diameter (supplied)

### WARNING



*The exhaust duct MUST be routed to a suitable ventilation system vented outside the laboratory.*