

N1 Evaporation System



N1 nitrogen evaporator represents PreeKem's cutting-edge sample preparation technologies prior to chromatographic analysis of organic compounds. N1 is widely used in clinical, environmental, food, forensic, and commercial testing labs for its simplicity, convenience, and superb reliability.

Features

- ✓ Convenient temperature and gas pressure set up on 7" LCD touch screen
- ✓ Efficient evaporation with Angular Gas Injection (AGI) technique
- ✓ Unique gas distribution technology ensuring even gas flow from each nozzle
- ✓ Effective removal of solvent vapor

Performance

- PID temperature control with $\pm 1^{\circ}\text{C}$ accuracy
- Max 10 stored-in method for reference
- 28 unit tray and 50 unit tray as option
- Whole body stainless steel, solvent and acid proof

Details determine
the quality



Safety Precautions

Open-lid protection

Gas flow will remain disengaged when the cover is open

Temperature alarm

The alarm will be on when the system is over heated

Pressure alarm

The alarm will be on when the gas pressure is higher or lower than normal operating range



Specifications

Type	N1-28	N1-50
Power	220V±10%, 50Hz	220V±10%, 50Hz
Wattage	900W	900W
Mode of heating	Water	bath
Pneumatic Control	4 independent channel	5 independent channel
Sample tray	28 unit	50 unit
Sample tube	15mL or 50mL centrifuge tube	15mL centrifuge tube
Temperature	Room-99.9°C	Room-99.9°C
Temperature RSD	±1°C	±1°C
Time control	0-999min	0-999min
Stored-in Method	10	10
Operating Temperature	5-40°C	5-40°C
Operating Humidity	20%-80%RH	20%-80%RH
Size	280mm(H)×545mm(W)×325mm(D)	280mm(H)×545mm(W)×325mm(D)
Weight	21kg	21kg

Subject to change without notice. PreeKem reserves rights of final explanation. Version: 2020.1