

Hurricane Series Concentration Evaporator

Think Smart Work Better



Hurricane -EX



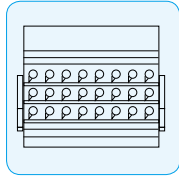
■ Hurricane Series Concentration Evaporator

Hurricane series is a microprocessor-controlled evaporation system for simultaneous, automated concentration of multiple samples with unattended operation, convenience, high speed and economical cost.

■ Applications

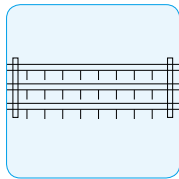
- Pharmaceutical and Biotech
- Clinical Laboratories
- Contract Research Organizations
- Environmental Testing Faculties
- Forensic and crime laboratories
- Drugs of Abuse testing Facilities
- Food and Beverage companies
- Agrochemical companies
- Government and Academic Institutions

■ Features



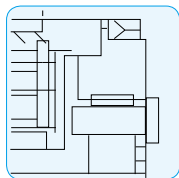
1. Heat-Treat Tempered Glass

- Improvement of the corrosion resistance against strong Alkali and Acid.



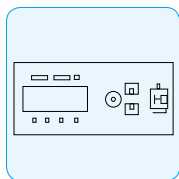
2. Accurate Gas Nozzles in the Manifold

- Long distance gas injection by accurate manifold & nozzles.



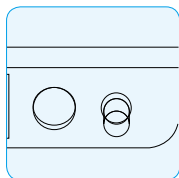
3. Evaporated Solvent Exhaust System

- Removal of noxious solvent by internal blower.



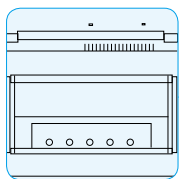
4. Microprocessor Control System

- Perfect concentration condition and feedback control by digital micro controller.



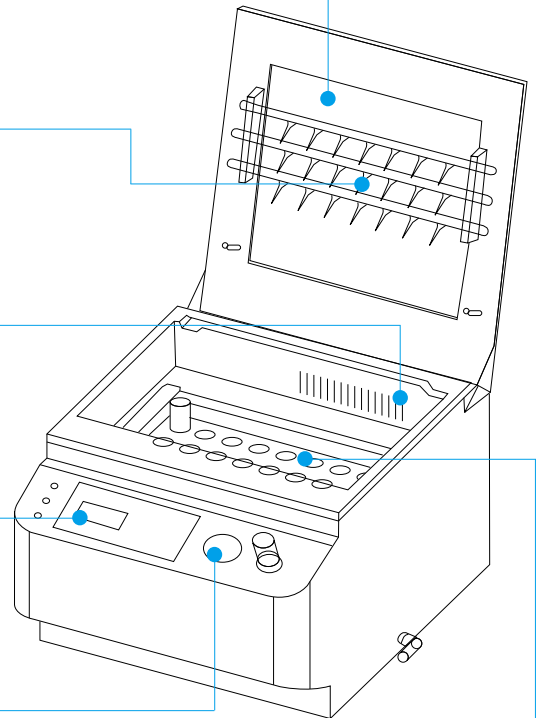
5. High Precise Regulator

- Easy to control pressure precisely by a high performance regulator.



6. Optimal Temperature Control

- Constant temperature in stable by a digital sensor & feedback relay.



■ Others

• Hurricane-Eagle Concentration Evaporator

- Tube capacity : simultaneously Rack type 50 tubes

• Hurricane-Elcap Concentration Evaporator

- Tube capacity : simultaneously 21 tubes / 100ml, 15 tubes/150ml 12 tubes / 200ml, 8 tubes / 300ml

• Windy-i Concentration Evaporator

- Tube capacity : 6 heating block type tubes(simultaneously/respectively)



These Products are manufactured by Young Lin
ISO 9001-certified facility that is periodically
audited by the registering body to ensure compliance

Technical Specifications

	Hurricane- EX	Hurricane- Eagle	Hurricane- Elcap	Windy- i	Windy- R
Sample Volume	Max. 30ml	Max. 30ml	Max. 300ml	Max. 8ml	Max. 30ml
Number of Samples	24 samples	50 samples	8 samples	6 samples	24 samples
Time Programming Range	5 min upto 24 hrs (Increment : 5 min)	5 min upto 24 hrs (Increment : 5 min)	5 min upto 24 hrs (Increment : 5 min)	5 min upto 24 hrs (Increment : 5 min)	5 min upto 24 hrs (Increment : 5 min)
Water Bath Temperature	Ambient to 90°C (Increment : 5°C)	Ambient to 90°C (Increment : 5°C)	Ambient to 90°C (Increment : 5°C)	Ambient to 90°C (Increment : 5°C)	Ambient to 90°C (Increment : 5°C)
Water Bath Size(mm)	290 X 140 X 160	355 X 195 X 170	355 X 195 X 170	Heating Block type 200 X 40 X 90	Heating Block type 300 X 130 X 170
Gas Supply Flow	15L/min	15L/min	15L/min	12L/min	15L/min
Inlet Pressure	Max. 140 psi	Max. 140 psi	Max. 140 psi	Max. 90 psi	Max. 140 psi
Power	220V at 50/60 Hz	220V at 50/60 Hz	220V at 50/60 Hz	220V at 50/60 Hz	220V at 50/60 Hz
Dimensions(mm)	365 X 460 X 260	540 X 520 X 275	540 X 520 X 275	300 X 210 X 200	400 X 420 X 250
Weight	20Kg	30kg	30kg	10kg	30kg



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