

Evatros mini

Evatros mini is a benchtop sized evaporator and it can be placed in a fume hood.

Evatros mini, Evaporator is a gas blowing type of sample pre-treatment instrument capable of up to 24 sample preparation. Each 24 nozzle can independently be utilized and constantly supplies gas without variation of flow and pressure regardless of the number of nozzles used.

A unique design of terraced structure of the aluminum heating block with slit enables a user to monitor comfortably the progress of sample concentration.



24 individual on/off switches have independent control of each nozzle and all of these nozzles can be switched on with 2 buttons, each controlling 12 nozzles and enabling a user to prepare up to 24 samples.



Pull-out shelf of the heating block enables a user to set up samples conveniently and automatic sensor prevents the nozzles from moving down with the shelf pulled-out.



Gas blown in five different directions of the nozzles maximizes the efficiency of sample concentration by drying the condensed solvent formed on the wall of the test tube.



Set button automatically set-up the nozzles to fit the test tube height and Up/Down button fine-tunes the nozzle height to move near samples. Origin button places the nozzles back to the default position.



Terraced structure of the aluminum heating block with slit enables a user to monitor comfortably the progress of sample concentration.



Aluminum heating block controls temperature ranging from ambient to 80°C and design of thermal protector and temperature sensor keeps the heating block at a constant temperature.



Concentration time can be set on timer, and when operation is finished, gas automatically shut off with alarm to prevent samples from over-drying.



Evatros mini requires a gas generator and it is compatible with Evatros G, gas generator of Goojung Engineering Co., Ltd.

Specification

Model	Evatros mini
Nozzle	24 nozzles with 5 holes- independent control of flow rate & pressure
Test tubes	Round Block- 24 Hole 16.3mm- 10~16mL (Standard)
Minimum Gas Inlet	Nitrogen Gas 60L/min @30psi, Dry Air 120L/min @30psi
Heating Block Temp	Ambient ~ 80°C
Electronic Requirement	220[V], 50/60[Hz], 2[A]
Dimension (cm)	69(H) x 47(W) x 27.5(D)
Weight (kg)	27.4

EvaA 0300



EvaA 0300 is a Dry Air generator applicable to an evaporator which is used for sample preparation. The compact design of EvaA 0300 could be installed within a small footprint of a laboratory.

As this instrument is equipped with castors, it could easily be moved into the place where a user wants to put. Low noise design keeps a laboratory quiet while EvaA 0300 constantly supplies dry air to a evaporator.

1.

Air can completely be de-moisturized through dry point membrane.

2.

Double air compressors could be safely controlled by a pressure switch.

3.

EvaA 0300 can be placed in a small footprint of a laboratory.

4.

Low noise design keeps a laboratory quiet while in operation.

5.

As the setting of pressure and flow is optimized, additional adjustment is not required.

6.

EvaA 0300 is designed to emit heat in a thermal circulation way to expand life span of the generator.

Specification

Model	EvaA 0300
Minimum Gas Inlet	30L/min@60psi
Filter	Dry point membrane
Phthalate	None
Noise level	50[dB]
Electrical Requirements	220[V], 50/60[Hz], 2.2[A]
Dimension (cm)	70(H) X 64(W) X 75(D)
Weight (kg)	62