

Mixer/Evaporator



Digital Pulse Mixer 099A DPM12E24 with 24-place Evaporator for EPA Vials



Tube with Vortex



Vortex Stopped Momentary

Glas-Col's Digital Pulse Mixer with Evaporator/Concentrator:

This system is designed to rapidly evaporate/concentrate solvents by both heating the sample bottom and the incoming nitrogen. Each position is furnished with an individual orifice for the best possible delivery of gas. The pulsing feature that is selectable allows a film of solvent to be thrown on the sidewall; then the vortex collapses. Next the vortex again is created and the process continues until the concentration level is achieved providing the quickest method of evaporation.

The Digital Pulse Mixer/Evaporator has the following features:

- Micro-processor based control technology
- Speed 100 to 1000 rpm, Speed Display Resolution: .1 RPM, Speed Setting Increment: 10 RPM
- 4-line back-lit LCD display
- Built-in digital timer (seconds: 1-60, minutes: 1-60, hours: 1-24)
- User selectable pulse profile (Pulses-per-minute: 1-100), Ppm-duty-cycle: 1-99 %
- Timer and Pulse mode may be combined.
- Communication port (RS-232)
- Fail Safe Mode to prevent speed fluctuations
- Membrane switch user interface (4-button)
- Soft Start/Stop of motor
- Optional software for real time data acquisition
- Orbital offset .070"
- Set point temperature for Manifold (80°C) and Bottom Blocks (140°C Max)

Specifications:

Size	16" w x 18" d x 9" H to drive plate
Platform size	10" x 12"
Voltage	120 or 240 volt models
Mixer mounts	Vibration absorbing for minimum transfer to lab bench
On/Off switch	Located on right side of unit
Finish	Light gray and black powder coat finish
Cord	3-wire 5' long
Load	Up to 10 lbs.

REPEATABLE.

RELIABLE.

RESULTS.

9/03

