

DIGITAL PULSE MIXER/EVAPORATOR

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 needle 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 solvent evaporation. This unit takes up less bench space compared to other concentrators. The beauty of this system is the flexibility to change sample size. The system is furnished with the 2 heat block chambers and then you select the polypropylene manifold and aluminum block to fit your application. Changing to another size of vial takes only a few minutes.

- Micro-processor based control technology
- Speed 150 to 1000 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 (USB)
- 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 bottom blocks (120°C Maximum)
- Flow meter located on left side of mixer
- A fine needle valve for flow control is provided on each manifold
- Maximum psi: 20



Specifications:

Size: 55.9cm x 30.5cm x 20.3cm to drive plate
 Platform size: 17.8cm x 30.5cm
 Mixer mounts: Vibration absorbing for minimum transfer to lab bench
 On/Off switch: Located on front of unit
 Finish: Light gray and black powder coat finish
 Load: Up to 2.5kgs

Electrical: 240V, CE Furnished with 2.5-meter cord and CEE 7/7 plug.
 240V Furnished with 1.2-meter cord and locking connector

Catalog Number 240V	Catalog Number 240V CE	Description	Weight (kgs)
099A DPMES24	099A DPMES24CE	Evaporator system 2 block format, without manifold	25

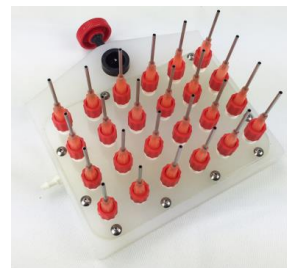
Unit does not include manifold or block. See chart below for options.

ACCESSORIES

Catalog Number	Description	Weight (kgs)
099A PMAN8	8 well polypropylene manifold with needles	.5
099A PMAN20	20 well polypropylene manifold with needles	.5
099A PMAN24	24 well polypropylene manifold with needles	.5
099A PMAN96	96 well polypropylene manifold with needles	.5
R34 516	8 well aluminum block for EPA vials	1
R34 561	24 well aluminum block 15mm vials	1
R34 562	24 well aluminum block 12mm vials	1
R34 563	20 well aluminum block 15 to 16mm vials	1



Aluminum blocks shown above



24 position manifold shown above