

Digital Pulse Mixer

Performing high or low speed pulse vortexing/mixing for most applications

WIGGENS Digital Pulse Mixer is capable of performing high or low speed pulse vortexing/mixing for most applications. This unit is able to accommodate a wide variety of glassware, racks, well plates or reactor blocks for accurate, repeatable results. The microprocessor-based control technology allows for display of speed, multi-function timer, and pulse profiling.



Your advantages

- > Working speed range from 100rpm to 1500rpm
- > Bright TFT with display resolution 1rpm, easy to operate
- > Built-in digital timer (seconds: 1-60, minutes 1-60, hours 1-24)
- > Preset run times of 30, 60, 90 and 120 seconds
- > User selectable pulse profile (Pulses-per-minute: 1-100), Ppm-duty-cycle: 1-99 %
- > Timer and Pulse mode may be combined for timed-pulse mode
- > Fail Safe Mode to prevent speed fluctuations
- > BLDC motor provides low noise and strong durability
- > User-friendly operating panel (4 buttons)
- > Smooth Starting function to protect the sample from spilling out
- > RS232 interface, optional software for real time data acquisition

Application

Solution phase synthesis, solid phase chemistry, bacteria cultivation

Specifications

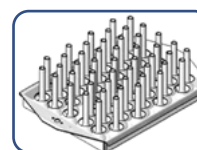
Model	DPM-24
Order No.	W5021001
Working speed range(rpm)	100 ~1500
Speed control type	Feedback Control
Control panel	TFT, Push button
Motor type	BLDC motor
Quick timing mode	30s, 60s, 90s, 120s are available
Pulse mode	Pulses adjustment range(min): 1-100 Duty Cycle adjustment range(%): 1-100
Timer and Pulse mode	Timer: 00:00:00 to 24:60:60 Pulses adjustment range(min): 1-100 Duty Cycle adjustment range(%): 1-100
IP code	IP21
Electrical requirement	110 or 240VAC, 50/60 Hz

Sample Preparation

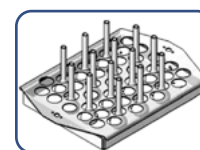
Our Digital Pulse Mixers are ideal for preparation work in volumetric flasks.

Simply changing the chemical resistant bottom foam pad allows you to quickly switch flask sizes while using one standard hold down top.

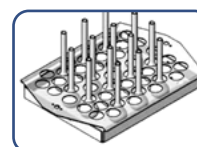
Order No.	Description
W5021101	Hold down top with holes
W5021102	15mm pad for 25mL vol. flask, 49 Position
W5021103	15mm pad for 50mL vol. flask, 14 Position
W5021104	15mm pad for 100mL vol. flask, 14 Position
W5021105	15mm pad for 250mL vol. flask, 8 Position
W5021106	15mm pad for 500mL vol. flask, 6 Position



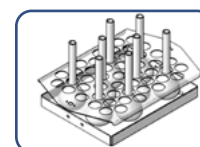
25mL Vol. Flasks



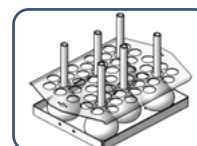
50mL Vol. Flasks



100mL Vol. Flasks



250mL Vol. Flasks



500mL Vol. Flasks



Digital Pulse Mixer Shown with 100mL Volumetric Flasks & Hold Down Top