

OMNI PDH

Programmable Digital Homogenizer

The **Omni PDH** is an advanced, programmable homogenizing system that is ideal for research or industrial processing applications. Microprocessor control stores up to 12 programs with multiple speed, time and ramping functions. Speed control from 1,000 to 28,000 rpm maintains constant speed over a wide operating range for accurate ($\pm 1/2\%$) repeatability. A digital speed display allows for additional reproducibility and ease of use. The 1,000 to 28,000 rpm speed range allows for gentle mixing or higher speed homogenization type applications.

The **Omni PDH** is compatible with stainless steel generator probes and **Omni Tip™ Plastic Probes**. It has a processing range of <200µL to 10 liters, which makes it one of the most flexible Homogenizers available. This motor is compatible with 5, 7, 10, 20, 32, and 35 diameter generator probes.

- **Fully programmable time & speed**
- **Moveable platform stand**
- **Powerful 700 watt motor**
- **Sample volume processing from <200µL to 10L**
- **Variable motor speeds from 1,000 to 28,000 rpm**



TheHomogenizerCompany.com

OMNI PDH

Programmable Digital Homogenizer

Features

- Store up to 12 complex programs with multiple speed, time, and ramp functions
- Powerful 700 watt motor
- Quiet operation
- Broad range of accessories
- On/Off switch for repeatable speed settings
- Process most samples in seconds
- 1/4 turn bayonet probe mounting system for fast release of generator probes

Specifications

Processing Range: <200µL-10L

Speed: Variable from 1,000 to 28,000 rpm

Power Rating: 700 watt Max

Programs: 12 programs with 12 time and speed steps, including ramping function

Interface: RS-232 and windows software

Dimensions: Height: 30.5 in. (77.47 cm),
Width: 8 in. (20.32 cm)

Weight: 9.1kg (20lbs.)

Sound Level: <68 db

Warranty: 1 year motor warranty

Standards Approval: CE approved



Omni PDH shown with stainless steel probe.

The **Omni PDH** operates with **Omni Tip™** disposable/reusable plastic probes and a variety of stainless steel generator probes.

