

PRO D-Series®

Digital Benchtop Homogenizers

The D-Series is a perfect balance of power and superior performance. Combining a high-watt motor and advanced technology in digital speed controls has resulted in the most reliable and durable laboratory benchtop homogenizer. Its Three-Turn Speed Knob with the ability to adjust RPMs to the hundreds opposed to thousands, and its brighter LED display provide more user-friendly control. Additional features, such as the Dual-Power Light Indicator for simpler error/problem identification and the PRO TRAC motorized stand for effortless, accurate and smooth motor positioning, complement the most advanced digital benchtop homogenizer on the market.

The D-Series offers two different models with different power options: 576W and 1305W. With a sample volume range capability from microliters to liters, the D-Series is enormously versatile at homogenizing, emulsifying, blending and/or mixing organic and inorganic materials.

The entire line of PRO QUICK CONNECT® generators can be mounted to the D-Series, which also accepts every PRO SAFETY SEAL® chamber assembly to safely contain generated aerosols and prevent sample and workspace contamination. The D-Series 400DEL is an extra long (EL) stand height version for use with tall containers.

Refer to pages 7 to 10 for available generators and assemblies.

Specifications	300D	400D / 400DEL
Weight	21 lb / 9.5 kg	32 lb / 14.5 kg
RPM range	0 - 28,000	0 - 23,000
Power watts	576	1305
Sample vol	0.03 ml - 5 L*	0.03 ml - 30 L*
Noise rating dB	68	68

* Recommended maximum sample volume

Item No.	Description
01-01300DS	PRO300D Digital Homogenizer Variable speed: 0 to 28,000 rpm, 3/4 hp, 120 V, 50/60 Hz, 5.8 A.
01-02300DS	PRO300D Digital Homogenizer Variable speed: 0 to 28,000 rpm, 3/4 hp, 220 V, 50/60 Hz, 2.9 A.
01-01400DS	PRO400D Digital Homogenizer Variable speed: 0 to 23,000 rpm, 1-3/4 hp, 120 V, 50/60 Hz, 10 A.
01-02400DS	PRO400D Digital Homogenizer Variable speed: 0 to 23,000 rpm, 1-3/4 hp, 220 V, 50/60 Hz, 5 A.
01-01400DSEL	PRO400DEL Digital Homogenizer With extra long stand height, variable speed: 0 to 23,000 rpm, 1-3/4 hp, 120 V, 50/60 Hz, 10 A.
01-02400DSEL	PRO400DEL Digital Homogenizer With extra long stand height, variable speed: 0 to 23,000 rpm, 1-3/4 hp, 220 V, 50/60 Hz, 5 A.

Homogenizing Hint

For large solid mass or dry homogenization, use a PRO SAFETY SEAL® chamber assembly with a blade.

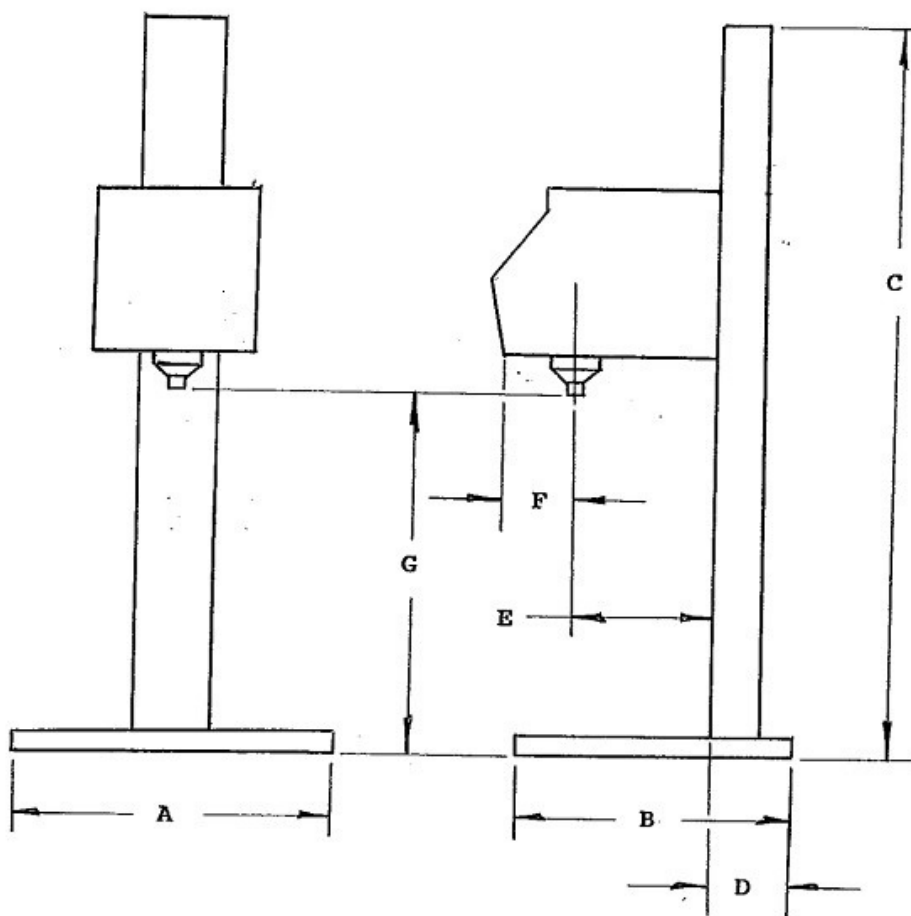
PRO D-Series
Compact benchtop unit speeds through homogenizing tasks with smooth, digital speed control and plenty of power



The PRO400 speeds through the homogenization of difficult samples. Shown here with the 02-37000 stainless steel deflector head (see page 8) attached to a 37mm generator for enhanced sample motion.



PRO400EL D-SERIES HOMOGENIZER DIMENSIONS



PRO400EL D-SERIES DIMENSIONS		
	ID of stand base opening	11"
G	Maximum Height	31"
	Minimum Height	18.5"
F	Center of motor to front	5.75"
E	Center of motor to stand	6.75"
D	Back of base to front of stand	3"
C	Total height of stand	41"
B	Total depth of stand	12"
A	Total width of stand	15"