

Pulse 150 Ultrasonic Homogenizer



- Ideal for cell disruption, DNA shearing and ChIP assays
- Programmable with touch screen control and pulsed operation
- 150W, for volumes 0.1 to 150ml (requires appropriate horn)
- Supplied complete with 6mm horn, temperature probe and soundproof enclosure

Technical Data:

Power:	1.5 - 150W, continuously adjustable
Frequency:	20 - 25kHz
Cycle Time (pulse on/off):	0.1 - 99.9 sec.
Timer:	1 sec. - 99 hrs.: 59 min., 59 sec.
Duty Cycle:	0.1 - 99.9%
Volume*:	0.1 - 150ml
Program Memory:	20 programs
Display/Control:	4.3 in. full color touch screen
Horn:	6mm titanium (others available)
Alarms:	no load, over load, end of run, over temp.
Controller: (W x D x H)	12 x 18.5 x 16.9 in. / 30.5 x 47 x 43cm
Controller Weight:	35.3 lbs (16kg)
Soundproof Enclosure: (W x D x H)	13.8 x 13.8 x 21.7 in. / 35 x 35 x 55cm
Soundproof Enclosure weight:	22 lbs (10kg)
Electrical:	120V or 230V, 50-60 Hz
Warranty:	2 years

*Volume dependent upon the installed horn. Supplied with 6mm horn for volumes 10 - 100ml.

The Pulse 150™ Ultrasonic Homogenizer uses cavitation and ultrasonic waves to break cells in suspension, shear DNA and prepare samples for ChIP assays. With up to 150 watts of power, the unit can process samples from 0.1 ml to 150ml.

All components needed for homogenization are included with the Pulse 150 - a controller, transducer, temperature probe, 6mm diameter titanium alloy horn and wrenches to change horns. A soundproof box with sample platform is also supplied as standard. The box helps to reduce the noise generated by the sonicator.

Ordering Information:

Item No.	Description:
DP0150*	Pulse 150 Ultrasonic Homogenizer, complete with controller, transducer, 6mm horn and soundproof enclosure
DP0150-2	Horn, 2mm diameter, for 0.1 - 5ml
DP0150-3	Horn, 3mm diameter, for 3 - 10ml
DP0150-6	Horn, 6mm diameter, for 10 - 100ml (included)
DP0150-8	Horn, 8mm diameter, for 25 - 150ml

*115V with US plug. For EU plug, please add -E to cat no.

Autoclaves and Sterilization



Pg. 44
MicroBead Sterilizers & UV Clave™ Ultraviolet Chamber



Pg. 45
BactiZapper™ MicroSterilizer Series



Pg. 46
BioClave™ 8 & 18 Benchtop Autoclave



Pg. 47
BioClave™ 28 Benchtop Autoclave

BenchMasher™ 400



- Contamination free homogenizing of large samples
- Adjustable stroke length
- Built in UV light for chamber decontamination
- Touch screen control with variable mixing speed and temperature up to 65°C
- Ideal for recovery of intact microorganisms in food and environmental samples

Thorough sample homogenization



Ordering Information:

Item No.	Description:
IPD4400*	BenchMasher™ 400 Paddle Blender
IPD4400-B400	400ml x 60µm, 300 x 180mm, 500pk.
IPD4400-B400F1	400ml x 70µm with lateral (side) nylon filter, 300 x 190mm, 500pk.
IPD4400-B400F2	400ml x 70µm with full nylon filter, 300 x 190mm, 500pk.

*115V with US plug. For EU plug, please add -E to cat no.