Pulse 150 Ultrasonic Homogenizer



1.5 - 150W, continuously adjustable

1 sec. - 99 hrs.: 59 min., 59 sec.

4.3 in. full color touch screen

6mm titanium (others available) no load, over load, end of run, over temp.

12 x 18.5 x 16.9 in. / 30.5 x 47 x 43cm

13.8 x 13.8 x 21.7 in. / 35 x 35 x 55cm

+ 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)
- temperature probe and soundproof enclosure

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 0.1ml 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 po

lent upon the installed horn. Supplied with 6mm horn for volumes 10 - 100m

2 years

35.3 lbs (16kg)

22 lbs (10kg)

120V or 230V, 50-60 Hz

20 - 25kHz

0.1 - 99.9%

0.1 - 150ml

20 programs

BenchMasher[™] 400

Technical Data:

Cycle Time (pulse on/off): 0.1 - 99.9 sec.

Power:

Timer:

Duty Cycle

Volume*:

Alarms:

Controller

(WxDxH) Controller Weight:

 $(W \times D \times H)$ Soundproof Enclosure

Electrical

Warranty:

weight:

Program Me

Display/Control:

Soundproof Enclosure

Frequency:



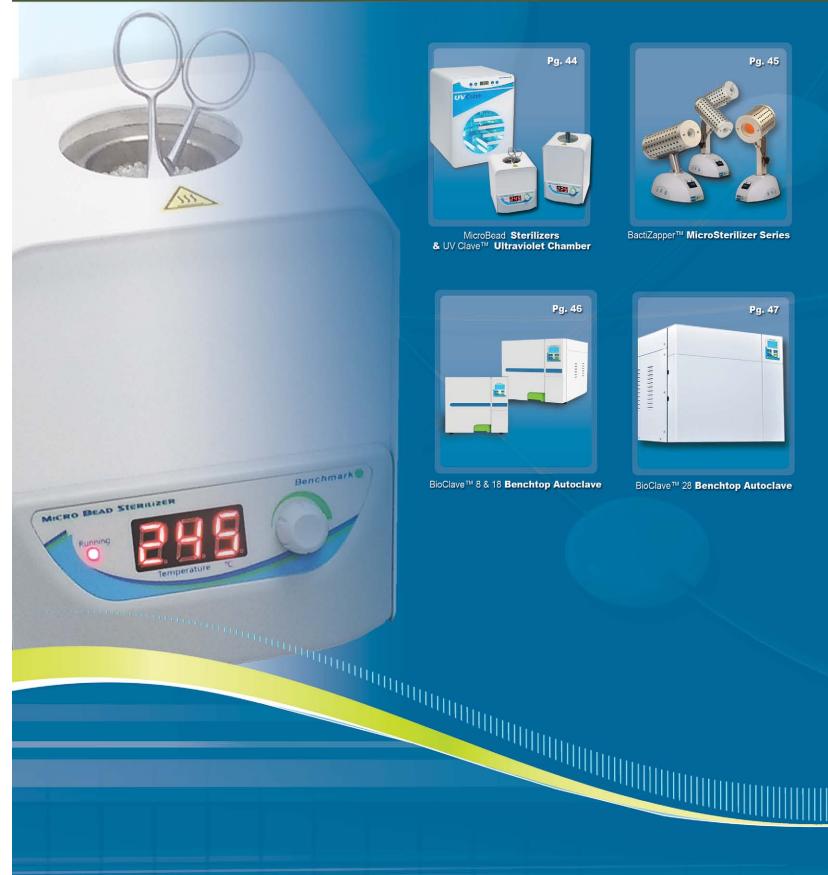
- + Touch screen control with variable mixing speed and temperature up to 65°C
 - Ideal for recovery of intact microorgansims in food and environmental samples

Ordering Information:

Item No. Description BenchMasher[™] 400 Paddle Blender IPD4400* IPD4400-B400 400ml x 60um, 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.



Autoclaves and Sterilization



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