



Ultrasonic Homogenizer / Ultrasonic Cell Crusher is call Probe Ultrasonicator



Application :

- Biological / Biotech
- Pharmaceutical
- Chemical
- Industrial
- Environmental

Product Description

Probe Ultrasonicator is a use of ultrasonic cavitation in the liquid multi-effect, multi-purpose instrument. It used a variety of animals and plants, viruses cells, bacteria and tissue fragmentation, and can be used to emulsification, separation, smoothing, extraction, anti-foaming, clear nano-materials preparation, dispersion, and speed up chemical reaction. Instruments are widely used in biology, microbiology, physics, zoology, agriculture, pharmaceutical, chemical wastewater treatment, nano-materials.

Features

- Large screen LCD Display.
- Microcomputer control, operational data store 50 groups.
- Ultrasonic time, ultrasonic power can be set, Timer set up to 999min.
- Ultrasonic power automatically detect, prevent ultrasonic power with the sample temperature change.
- Integrated sample temperature control to prevent overheating.
- Frequency automatic tracking, automatic fault alarm.

Model	PUC 150	PUC 250	PUC 650	PUC 900	PUC 1000	PUC 1200	PUC 1800
Frequency (Khz)	20-25KHz Automatic Tracking					20-25KHz Automatic Tracking	
Power (W) adjustable	1-150W	5-250W	10-650W	10-900W	10-1000W	20-1200W	20-1800W
Probe (mm)	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6 or Ø10	Ø20	Ø20
Optional Probe (mm)	Ø2, Ø3, Ø8	Ø2, Ø3, Ø8 Ø10	Ø2, Ø3, Ø8 Ø10, Ø12	Ø2, Ø3, Ø8 Ø10, Ø12, Ø15	Ø2, Ø3, Ø8 Ø10, Ø12, Ø15	Ø10, Ø15 Ø22, Ø25	Ø10, Ø15 Ø22, Ø25
Process Capacity (ml)	0.2-150	0.2-300	0.2-500	0.2-600	0.2-750	10-1000	50-1000
Store Data	50 sets						
Total Working Temperature	1-999 minutes						
Temp. Alarm Range	0-100°C						
Instrument Protection Function	Over-temp.						
Duty Ratio	0.1-99.9%						
Display	LCD Display						
Power Supply	A/C 230V / 50-60Hz						
Dimension	600 (L) x 300 (W) x 500 (H)						

Specification are subject to change without prior notice.
Images shown are for illustrations purpose only.

WORLD WIDE MARKETING

ACZET PVT. LTD.

Unit E2, Plot No. 15, WICEL Estate, Opp Seepz Gate Nol. 1, Andheri (E), Mumbai 400 093. (INDIA)
Tel. : +91-22-4243 7700 • Fax : +91-22-4243 7800 • E-mail : sales@aczel.com • Web : www.aczel.com