

Ultrasonic Processors (Cell Disruptors) ALLIANCE

- Fully featured world class models at Economical prices.

Features :-

Microprocessor Based – Programmable

Digital accuracy and repeatability assures adherence to the most exacting protocol.

Real Time Display

Provides a window on the process. No more assumptions. No more approximations. All set and run parameters are continuously displayed on the screen, providing operating mode confirmation without process interruption.

Independent On/Off Pulsar

Enables safe treatment of temperature-sensitive samples at high intensity, and provides mixing by repeatedly allowing the sample to settle back under the probe after each burst. Both on and off cycles are independently controllable from 1 second to 59 seconds.

Integrated Temperature Controller

Precludes harmful overheating of the sample and Guarantees process integrity by terminating the ultrasonics when the sample temperature reaches a predetermined limit. Allows process control and monitoring from 1°C to 100°C.

Variable Power Output Control

Allows the ultrasonic vibrations at the probe tip to be set to any desired amplitude. Selected output level is clearly displayed on the screen.

Automatic Tuning and Frequency Control

Eliminates the need for constant adjustment of the power supply.



**ALUP 250 W / ALUP 500W /
ALUP 750 W**

Consistent Reproducibility

Time saving memory stores up to ten procedures to facilitate protocol duplication, automate repetitive tasks, and eliminate technician-to-technician method variability.

MODELS	ALUP 250 W	ALUP 500 W	ALUP 750 W
Power	250 W	500 W	750 W
Frequency	20 Khz	20 Khz	20 Khz
Titanium Probe with tip	3 mm (1/8")	9.5 mm (3/8")	13 mm (1/2")
Optional Probes with tips	6 mm (1/4")	6 mm (1/4")/ 3 mm (1/8")	6 mm (1/4") / 3 mm (1/8")
Sound Reduction Enclosure provided	Yes	Yes	Yes
Independent ON/OFF Pulsar	Yes	Yes	Yes
Integrated Temperature controller	Yes	Yes	Yes
Real Time Display	Yes	Yes	Yes
Timer	Yes	Yes	Yes
Input supply	230 VAC (110 VAC optional)	230 VAC (110 VAC optional)	230 VAC (110 VAC optional)
Sample Volumes	0.150 ml to 275 ml	0.250 ml to 450 ml	0.350 ml to 600 ml
Sound Reduction Enclosure provided comes with height adjustable support rod and clamps			