

AE-16T Non-Contact Ultrasonic Wave Pulverizers

Description:

AE LAB non-contact full-automatic ultrasonic wave crusher is used in the sterile crushing, which can break chromosomes and break cells separated by a centrifuge tube. The device with noise reduction hold-down gear is especially adapted for releasing the adenovirus; except for preparation of the high-titer recombinant adenovirus, it can prepare the DNA and DNA terminal albumen chemical compounds, which is also an ideal instrument for preparation of soil samples. It has become a standardization tool which is indispensable to the CHIP (chromatin immunoprecipitation) and DNA shear research platform.

Main characteristics:

- *A large screen liquid crystal display;
- *It can detect 16 samples, with a high efficiency of experiment;
- *No frequent operation on the probes, and each of the samples can be in a single closed test tube, to avoid cross contamination;
- *The energy of ultrasonic wave is even in distribution, with complete ultrasonication;
- *The setting of ultrasound parameters is flexible, which is standardized in the experimental procedures, repeatable in the experiment and high reliability in the result;
- *The handle door is placed of the side door of silencer for internal operation;
- *It can effectively prevent the generation of sample foam;
- *There is the interface for cooling water circulation device;
- *The DL-1005 cooling water circulation device can be chosen, to achieve the system internal thermostat, to effectively prevent the high temperature of sample.

Main Technical Parameters:

Model	AE-16T
Working frequency	25±1khz
Ultrasonic power	1800W(1-100%)
Duty cycle	1-99%
Power requirement	220/110V 50Hz/60Hz
Crushing bracket	5 ML 16 holes, 15 ml 8 holes, 50 ml 4 holes

