

# Ultrasonic Homogenizer

## FEATURES

- It adopts PWM control switch power supply, and the power is continuously adjustable
- It adopts 7 inch TFT touch screen display, high resolution
- Central microcomputer centralized control
- Ultrasonic time, power arbitrary setting
- Sample temperature detection display, power display, microcomputer tracking, automatic fault alarm
- Sound Abating trap adopts sheet metal, spray plastic, ABS material, die design, with lock function



## APPLICATION AREA

**Life sciences:** Lysis, fragmentation, leaching of bacteria, viruses, spores and other cellular structures, extraction of DNA and protein in plants and animals, pruning of DNA/RNA, chromatin immunoprecipitation technique

**Materials chemistry:** the dispersion and cracking of nanomaterials, such as carbon nanotubes, graphene and other materials. cracking, emulsification, homogenization and crushing of homogeneous soil, rock samples, non-ferrous metals, rare earth particles.

In addition, it can be used for the dispersion and extraction of Chinese herbal medicines. It can be used for the dispersion, homogenization and acceleration reaction of other samples, and also for sample pretreatment in chemical, medical, archaeological, geological and Marine Fields

## TECHNICAL PARAMETERS

<b>Model</b>	Scientz-IID	<b>Accompany</b>	Φ6mm
<b>Frequency</b>	20-25KHZ automatic tracking	<b>Optional Tip</b>	Φ2, 3, 10mm
<b>Power</b>	950W ( 1%-99%)	<b>Storage Data</b>	20 groups
<b>Display</b>	7 inch TFT touch screen	<b>Temperature Alarm</b>	0-99°C
<b>Display Content</b>	Time、Power、Temperature	<b>Alarm</b>	Over-temperature、Overload, and overtime
<b>Processing Volume</b>	0.5-600ml	<b>Timing</b>	0-999min
<b>Duty Ratio</b>	0.1-99.9%	<b>Working Mode</b>	Gap/Continuity