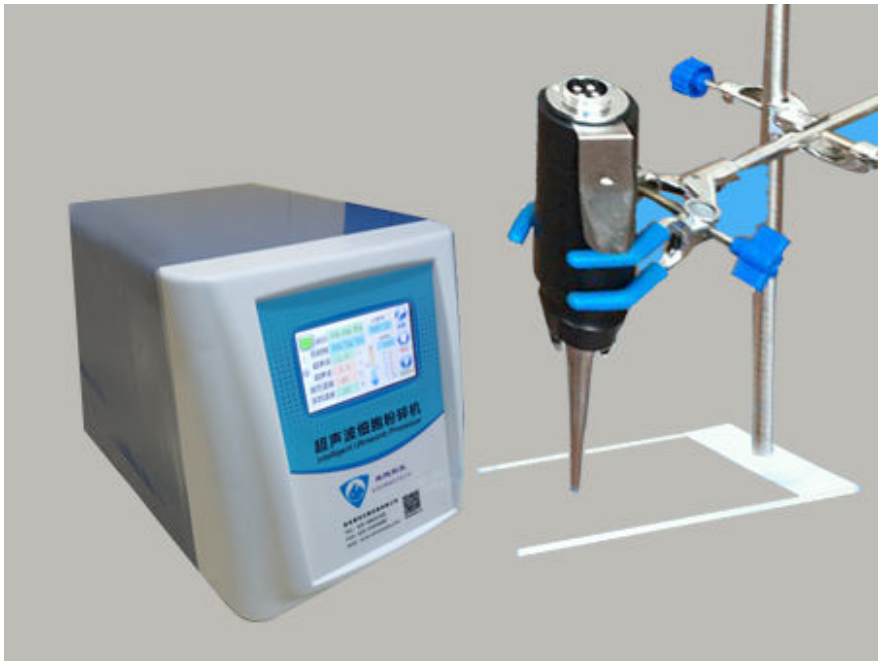
Ultrasonic Crusher | Disrupter | Disintegrator | Probe Sonicator

(Touch Screen-ST Series)

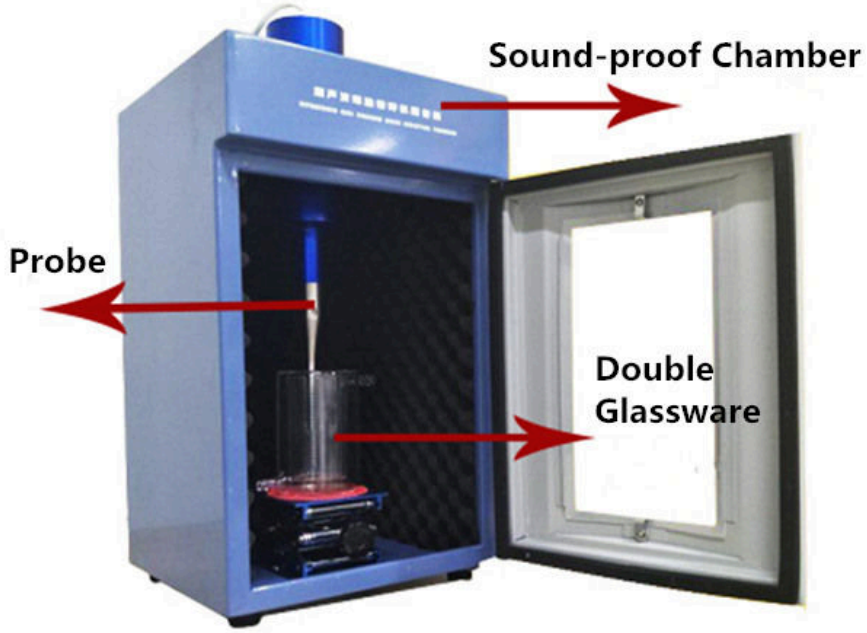


Product Description

The ST series hand-held ultrasonic cell crusher| disruptor with 4.3 TFT touch screen which is small in size and light in weight, is very suitable for micro experiments in laboratory. Automatic or manual mode is supported. Under the manual mode,the work and end time can be set up. The device is quite flexible and it's not limited by the space,so it's suitable for the processing with the experimental samples of little volume or mircro volume. The samples on the experinmental board can be processed quickly. The automatic mode is suitable for the experiment with big volume or for long time, which can be completed on the holder or inside the sound-proof enclosure.

Product Features

1. Automatic or manual mode is supported for option
2. Large TFT screen Display, Touch control for new version
3. 50 groups of experimental data can be set and stored, safe and convenient.
4. The ultrasonic power can be adjusted continuously, and the best experimental conditions can be explored.
5. The program has over-temperature/delay/fault protection settings and alarm system,which can protect the test samples to the maximum extent.
6. RS232 Interface is optional, which can support the data transmission between the PC and PLC to realize the remote control.
7. We provide the **Sound-proof Chamber** for standard configuration with perfect transportation.



Technical Specification

Model	BEST-250D	BEST-400D
Frequency (KHz)	20-25	20-25

Power(W)	0-250	0-400
Crushing Capacity (ml)	0.1-150	0.1-300
Working Mode	Automatic/ Manual	Automatic/ Manual
Voltage(V)	220/110	220/110
Probe（mm）	Φ3	Φ6
Probes Option(mm）	Φ2、6、8	Φ2、3、8
Sample Temperature Protection（℃）	0-99	0-99

Application

The instrument is widely used in the fields of biology, microbiology, physics, zoology, agronomy, pharmacy, petroleum, etc. It also can be used in Nanotechnology research such as the dispersion of nanomaterials (nanotubes, graphene, silica, etc.); sample homogenization and emulsification; accelerate dissolution, accelerate chemical reaction and other sample processing.