

ULTRASONIC HOMOGENIZER OF MANUFACTURE

Description

Industrial ultrasonic homogenizer of manufacture can carry out experiments such as preparation of nanomaterials, high intensity ultrasonic cleaning and treatment of animal and plant cell tissues. The equipment adopts double excitation transducer technology, with the advantages of large ultrasonic power and long continuous processing time, which is the most ideal ultrasonic microcrushing equipment for various production enterprises.

Features

- High safety: with overload protection, it can work for a long time and adapt to the needs of industrial production.
- High strength: high crushing strength, small crushed material diameter (20-100 μ m)
- Intelligent: the control circuit adopts microcomputer, arbitrary control of various functions
- High efficiency: 1 liter of sample volume can be completed in 15min.
- Simple operation: each system has the ability to operate independently, convenient for maintenance operations
- Customized service: Customers with temperature requirements can choose to configure the coolant circulator.



Application Areas

- -Chemical industry: ultrasonic gel liquefaction, resin defoaming
- -Cosmetic industry: cosmetic particle refinement
- -Material engineering: non-ferrous metals, nano-materials, rare earth materials and other particle production
- -Biological industry: essential oils, natural elements, polysaccharides, flavonoids and other substances extraction
- -Environmental engineering: degradation of polluted water

Main Technical Parameters

Operating Voltage	220V、 50Hz
Frequency	15kHz
Power	2400W
Duty Ratio	1%-99%
Capacity	1-5L/ time
Time Setting	Ultrasound time setting: 1-99s Gap time setting: 1-99s Full time setting: 1-99min
Tip	38mm
Display	Pointer / Digitizer