

HANDHOLD PORTABLEULTRASONIC HOMOGENIZER

Description

Portableultrasonic homogenizer is a portable, multi-purpose sample pretreatment instrument, compared with the traditional ultrasonic homogenizer, portable ultrasonic homogenizer with flexible, efficient, portable and many other advantages, suitable for small volume, large volume samples (such as 96-well enzyme label plate or small test tube samples) emulsifying, dispersing, homogenizing, extracting, defoaming, cleaning, nanomaterials preparation and accelerated chemical reactions. It is a must for environmental protection and food safety monitoring vehicles. It is a necessary sample pretreatment instrument for environmental protection and food safety monitoring vehicle.

The instrument adopts liquid crystal display, automatic and manual (foot pedal) two working modes, ultrasonic time, power set arbitrarily, sample temperature detection display, automatic frequency tracking and other functions. Ultrasonic cell pulverizer suitable for small volume sample processing.

Features

- High safety: with temperature detection display, over-temperature alarm function
- Selectable modes: automatic and manual (foot pedal) two working modes -
- Simple operation: handheld pointing control ultrasound
- Flexible parameters: power, ultrasound time flexible adjustable
- Portable design: easy to move and carry
- Wide range of applications: support for enzyme plates, test tubes in the direct treatment of samples



Main Technical Parameters

Model	UP-250	UP-250S
MAX Power	250W	250W
Size	270*245*116mm	122*252*200mm
Operating Mode	Automatic, manual switchable (optional foot switch)	
Pulser	0.1-99s	0.1-99 s
Frequency Range	19-25kHz	19-25 kHz
Time Setting	0.1-99min	0.1-99 min
Tip	3mm	3mm
Processing Capacity	100μl-10ml	100μl-10 ml
Power Supply	220V/50Hz	2A/12V Charger (built-in 12V/1000mAH lithium battery)
Display	4.3-inch touch screen	4.3-inch touch screen