

# **HX-1000E Intelligent ultrasonic homogenizer**

**Application：**

* The intelligent ultrasonic homogenizer supply network control, and remote printing conforms to the modern humanized design concept. In order to improve the safety of the biological environment, this product adds ultraviolet sterilization function to reduce the risk of personnel infection and sample cross-contamination. It can be used for the processing of samples of different volumes (corresponding models and probes can be selected according to different volumes), and is widely used in the cracking, emulsification, homogenization and crushing of samples in the fields of life sciences, pharmaceuticals and material chemistry.

**Main Features：**

* High security, with over-temperature, overload and time alarm functions, with user password protection, UV sterilization and door lock functions
* Intuitive process, external transparent front door, built-in LED light
* Can only store, can create up to 20 groups of operating procedures
* Stack up and down design, save laboratory space
* Flexible parameters, ultrasonic time, continuously adjustable power, good stability
* Remote control, the host computer is equipped with a remote monitoring communication interface, which can realize the functions of network control and remote printing
* The electric lift seat adjusts the position of the base through the up and down buttons, eliminating the tedious manual operation
* Wide processing range, different types of instruments can be adapted to the needs of different customers

**Techncial Parameters：**

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| Model | HX-1000E |
| Power | 10~1000W adjustable |
| Mixing capacity | 0.1-700ml |
| Display | 7inch Touch Screen |
| Single ultrasonic time | 0.1-99.9S |
| Ultrasonic Gap | 0.1-99.9S |
| Total working time | 1min-99H59M59S |
| Frequency | 20-25Khz |
| Temperature Control | 0~100℃ |
| Alarm function | Temperature,time,overload,no load, Over temperature |
| Optional Horns | 2/3/6/8/10/12/15mm |
| Standard Horn | 6mm(do 10~100ml capacity) |
| Data Storage | 20sets |
| Voltage | 220V/110V/50Hz/60Hz |
| Ultrasonic Host Dimension | 427\*340\*168mm |
| Ultrasonic host weight | 12kg |
| (Ultrasonic horn +Transducer ) Weight | 2kg |
| Ultrasonic host Packing Dimension | 500\*400\*320mm |
| Soundproof box Packing dimension | 320\*320\*520mm |
| Soundproof box Weight | 13kg |
| Working voice alarm &Fault indication | Support |
| Ultrasonic Time pulse width data | Support |
| Ultrasonic Power simulation data | Support |
| Password protection function | Support |
| Ultrasonic host material | Aluminum alloy+ABS |
| Soundproof box material | Anti Corrosive +ABS |
| Soundproof box Chamber inside lighting | Yes |
| Soundproof box Sterilization | Yes |
| Remote electric lifting | Yes |