

## Ultrasonic Homogenizer Scientz-IID

### 2017 New Type General Purpose Touch Display Universal Ultrasonic Generator Homogenizer

1)As a new type of ultrasonic homogenizer, it enjoys complete functions, novel appearance and reliable performance.

2)It has a large-screen display and concentrated control by a central computer.

3)The ultrasonic time and power can be set accordingly. Besides, such functions as sample temperature display, actual

frequency display, computerized tracking and automatic trouble warning can all be displayed in the large LCD screen.

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### Ultrasonic Homogenizer Scientz-IID Specifications

|                                      |                                                                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Frequency                            | 20-25KHz                                                                                                                      |
| Power                                | 950W                                                                                                                          |
| Accessories (Ø)                      | Ø6                                                                                                                            |
| Optional Tip (Ø)                     | Ø2,3,10,15                                                                                                                    |
| Crushing Capacity                    | 0.5-600ml                                                                                                                     |
| Duty Ratio (%)                       | 0.1-99.9%                                                                                                                     |
| Supply                               | 220/110V 50Hz/60Hz                                                                                                            |
| Features                             | Using PWM control switching power supply. Power continuously adjustable. Stability. Can store 50 set experimental parameters. |
| Power supply chassis Size and Weight | 400*280*220mm;12.2 Kg                                                                                                         |
| Mainframe Weight                     | 14.3kg                                                                                                                        |
| Speaker compartment Size & weight    | 275*250*480mm),8.04 Kg                                                                                                        |
| Packing Size                         | 534*295*435mm                                                                                                                 |

## Ultrasonic Homogenizer Scientz-IID Accessories



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**Titanium Alloy Tips/Probe/Horn size reference value**

| Tip Model |       | Frequency(KHz)        | Power Range | Crushing Capacity |
|-----------|-------|-----------------------|-------------|-------------------|
| Φ2        | 1/12" | 20-25KHz              | 20-250W     | 0.5-5ml           |
| Φ3        | 1/8"  | 20-25KHz              | 30-400W     | 3-10ml            |
| Φ6        | 1/4"  | 20-25KHz              | 60-650W     | 10-100ml          |
| Φ10       | 5/12" | 20-25KHz/19.5-20.5KHz | 100-950W    | 100-200ml         |
| Φ12       | 1/2"  | 20-25KHz              | 100-950W    | 100-200ml         |
| Φ15       | 5/8"  | 20-25KHz/19.5-20.5KHz | 200-950W    | 200-500ml         |
| Φ18       | 3/4"  | 20-25KHz              | 200-950W    | 200-500ml         |
| Φ20       | 3/4"  | 19.5-20.5KHz          | 400-1200W   | 500-1000ml        |
| Φ25       | 1"    | 19.5-20.5KHz          | 800-1800W   | 500-1200ml        |

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