

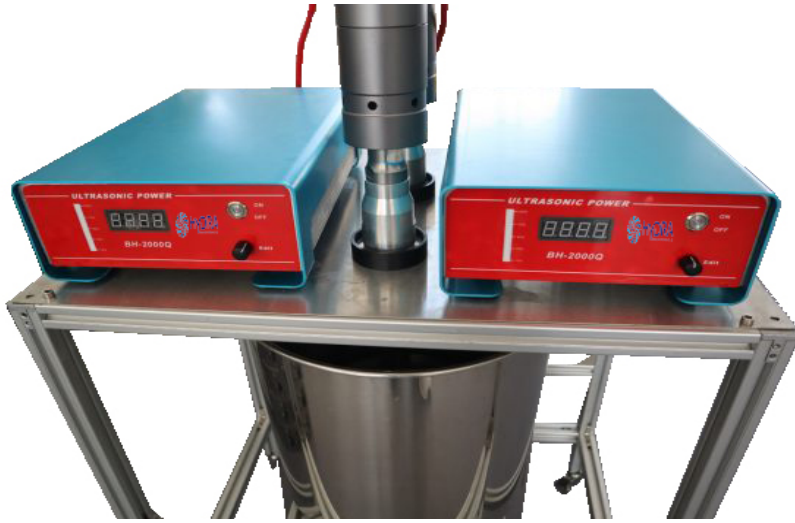
HYDRA HYD-2000 Industrial Type Ultrasonic Homogenizer



Endüstriyel Ultrasonic Homogenizer/Sonicator

Hydra HYD-2000 specializes in ultrasonic technology and ultrasonic homogenizers, ultrasonic processor for Large Volume and Industrial type. Designed for 24x7 heavy duty working. Cooling fan integrated in ultrasonic converter & ultrasonic generator. 20kHz, 2000 Watt out. Up to 50 liters on a batch basis. Typical applications include industrial mixing (including large scale processing of nano-materials), and industrial processing (including emulsifying, degassing, and large scale dispersions.)

This type Homogenizer is our highest power system for the most difficult applications. This model includes a 1.5" diameter, 15" long probe with a 100µm maximum amplitude. A variety of probe options are available including the flow cell inline processing accessory. Electrical requirements are 220V, 50/60Hz, single phase, 30A.



Advantages of HYDRA 2000® Ultrasonic Homogenizer/Sonicator

- * Energy and temperature set-point control
- * Automatic tuning
- * Digital wattmeter
- * Full function process timer
- * Variable power output control

Optional Accessories

- * Support stand
- * Converter clamp
- * Optional temperature probe
- * Temperature monitoring

HYD-2000 Model Integrated Ultrasonic Homogenizer/Sonicator Key Features:

Industrial Type	20kHz 2000Watt
Ultrasonic Generator	20kHz 2000Watt (heavy duty working)
Ultrasonic Converter	20kHz 2000Watt (Integrated cooling fan inside)
Probe Materials	Titanium Alloy, Amplitude: 25µm
Ultrasonic Probe Size	Φ40mm diameter, 290mm Probe Length Other length available. Φ50mm probe available.
Packing:	1 set ultrasonic generator 20k 2000w 1 set ultrasonic homogenizer (converter, booster, probe) 1 power in plug & wire, 3 pcs fuse wire 1 pcs remote control connector 2 meter HF cable for converter connection
Processing time:	
50% oil & 50% water	Typical time: 25 minutes for 50 liter



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