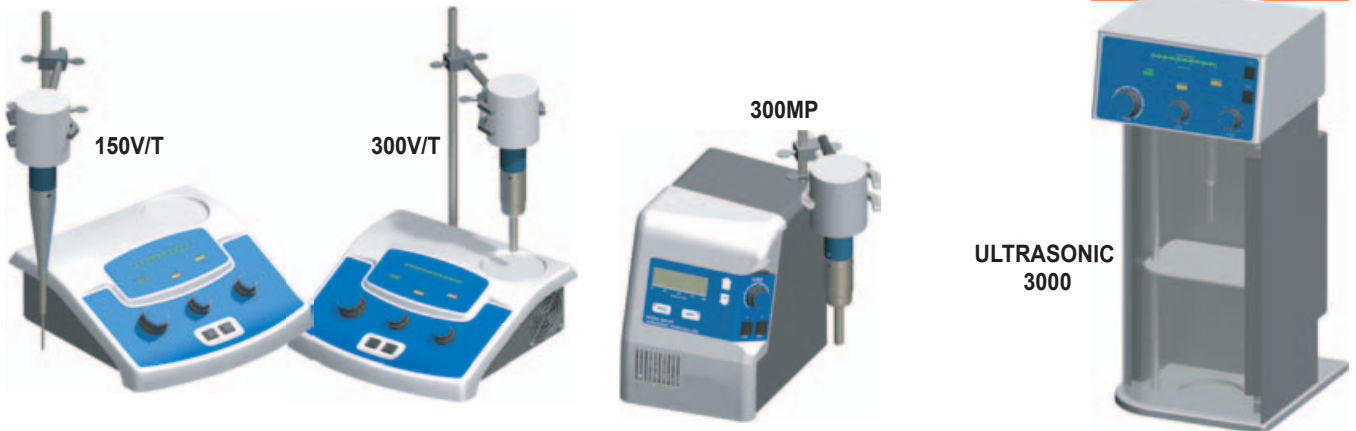


U Ultrasonic Homogenizer

Models: 150V/T, 300V/T, Ultrasonic 3000, 300MP, Ultrasonic Homogenizers



Specifications:

- Power Output for 150V/T: 0-150 WATTS
- Power Output for 300V/T: 0-300 WATTS
- Power Output for Ultrasonic 3000: 0-300 WATTS
- Output Frequency: 20k Hz
- Automatic Tuning: Yes
- Microprocessor Control: N/A
- Duty Cycle (Pulsing): 10-90%
- Timer: 1-15 minutes
- Display: LED
- Temperature Controller: N/A
- Sound Abating Chamber: Optional
- Power Output: 0 - 300 WATTS
- Output Frequency: 20k Hz
- Automatic Tuning: Yes
- Microprocessor Control: Yes
- Duty Cycle (Pulsing): 1-99 sec.
- Timer: 1-99 minutes
- Display: 4 Line LCD
- Temp. Controller: 0-100°C
- Sound Abating Chamber: Optional
- Generator Dimensions for 150/300V/T: 12.0inWx 10.0inDx4.0 inH 30.5cm Wx25.4cm Dx10.2cmH
- Generator Dimen. for Ultrasonic 3000: 10.5inWx 12.0inDx23.5 inH 26.7cm Wx30.5cm Dx59.7cmH
- Transducer Dimen: 3.5in Dia. x4.0inL 8.9cm Dia. x 10.2cm L
- Voltage: 115Volts/60Hz; 230Volts/50Hz

Titanium Micro Tips (Micro Horns):



Catalog No.	Tip Diameter	Processing Vol.	Intensity	Type
0-120-0005	5/32" (3.8mm)	300 µl - 15 ml	Very-High	Stepped
0-120-0006	1/16" (1.6mm)	200 µl - 5 ml	Ultra-High	Tapered
0-120-0007	1/8" (3.2mm)	500 µl - 10 ml	Very-High	Tapered
0-120-0008	3/16" (4.8mm)	750 µl - 25 ml	High	Tapered

Titanium Standard Tips (Horns):

Solid Tips-are machined from a single piece of Titanium and are preferred when processing liquids with high surface tension. In addition, Solid Tips are generally less likely to cause sample cross contaminations.

Tapped Tips-All include 1 Titanium Replacement, Flat Tip. Flat Tips should be replaced when they show signs of excessive "pitting" and intensity/performance is greatly decreased.



Catalog No.	Tip Diameter	Processing Vol.	Intensity	Type
0-120-0009	3/8" (9.2mm)	5 ml - 200 ml	High	Solid
0-120-0010	1/2" (12.7mm)	10 ml - 300 ml	Medium-High	Tapered
0-120-0011	1/2" (12.7mm)	10 ml - 300 ml	Medium-High	Solid
0-120-0012	3/4" (19.1mm)	25 ml - 600 ml	Medium	Tapped
0-120-0013	3/4" (19.1mm)	25 ml - 600 ml	Medium	Solid
0-120-0014	1" (25.4mm)	50 ml - 1000 ml	Low	Tapped
0-120-0015	1" (25.4mm)	50 ml - 1000 ml	Low	Solid

Titanium Replacement Flat Tips:



Catalog No.	0-120-0016	0-120-0017	0-120-0018
Tip Diameter	1/2" (12.7mm)	3/4" (19.1mm)	1" (25.4mm)

Titanium Cup Tips:

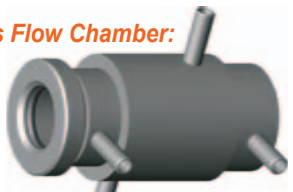
It provide an easy way to process samples without direct exposure to the homogenizer tip, avoiding cross contamination. Titanium Cup Tips can simultaneously process sealed vial, test tubes or micro tubes with identical parameters.



Catalog No.	Tip Diameter	Reservoir Vol.	Intensity
0-120-0019	1 1/2" (38.1mm)	250ml	Medium
0-120-0020	2" (50.8mm)	2000ml	Low

Catalog No.	0-120-0021	0-120-0022
No. of Tubes	8	20

Continuous Flow Chamber:



This chamber permits continuous processing of liquids, and is designed for emulsifying and homogenizing applications. The continuous flow chamber may be sealed in a closed system when mounted, so that infectious materials can be used. It is equipped with a water flow-through cooling jacket to enable the temperature of the processed solution to be maintained at a desired level.

0-120-0026: Continuous Flow Chamber.