

Probe Sonicator

IG-96A



IGENE LABSERVE

Innovative • Interactive • Intuitive

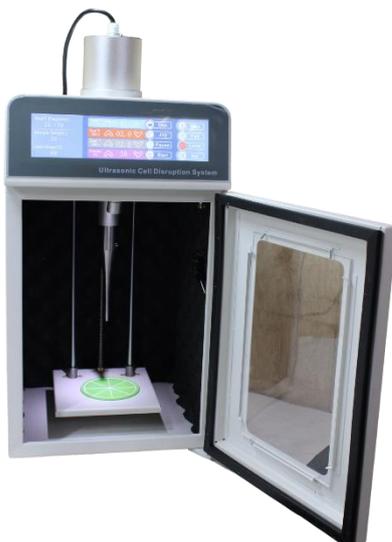
FEATURES & SPECIFICATIONS

DESCRIPTION

IG-96A Probe Sonicator is an integrated machine which houses the sound proof chamber as well the instrument panel. This machine comes with an 8" touchscreen. Its motorized platform adds convenience and ease for the user. You no longer have to screw the platform or use any kind of jack to adjust the height of the platform. Just press the arrow buttons to increase or decrease the level of platform.

FEATURES

- ❖ It has all common functions like ultrasonic, out time setting, gap time setting, ultrasonic power setting, cycle time setting, max temperature setting, sample detection temperature display, frequency automatic tracking, automatic fault alarm.
- ❖ It has 8-inch touch screen display.
- ❖ Microprocessor controlled and completely programmable.
- ❖ Large touch screen display with Time setting.
- ❖ It has cycle time setting with time range up to 99hrs: 59mins:59sec.
- ❖ It has alarm function for over temperature, over current, over load, transducer abnormality, etc.
- ❖ Temperature ranges up to 99°C.
- ❖ Auto frequency tracking.
- ❖ Frequency ranges from 18-28kHz.



SPECIFICATIONS

Model	IG- 96A
Make	iGene
Frequency	18-28 KHz - Automatic tracking
Frequency tracking accuracy	1 Hz real- time tracking
Probe Dia. (Titanium Alloy) Standard	6mm (1/4")
Display	8-inch touchscreen
Display Function	Temperature, Power, Time, Gap time etc.
Temperature range (°C)	0-99°C
Timer (Selectable)	Yes upto 99 hours:59 mins:59 secs
Alarm Functions	Over temp, over current, over load, transducer abnormality, etc.
Processing Capacity	0.5ml to 500 ml
Operating Table	Electrically operated motorized
Lighting	Available inside cabinet
Data Memory	9 memory groups
Output Power	650W (adjustable)
Dimension	280x280x490 mm
Weight	10.2 kgs

OPTIONAL ACCESSORIES:

Probe No.	Tip diameter	Processing capacity	Power ratio	Amplitude (microns)
PPS-2	Ø2	0.5-5 ml	1-40%	320µm
PPS-3	Ø3	3-10 ml	1-50%	380µm
PPS-6	Ø6	10-100 ml	1-70%	200µm
PPS-8	Ø8	20-200 ml	1-80%	160µm
PPS-10	Ø10	30-300 ml	1-90%	140µm
PPS-12	Ø12	50-500 ml	20-95%	120µm

