

PROBE SONICATOR



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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

IG-96A Probe Sonicator

The IG-96A Probe Sonicator is a fully integrated machine combining a soundproof chamber with an instrument panel. This model features a user-friendly 8-inch touchscreen display and a motorized platform, allowing easy adjustment of platform height with simple arrow button controls—no screws or jacks required.

FEATURES:

- **Touchscreen Display:** 8-inch display for intuitive control of settings and real-time data visibility.
- **Microprocessor-Controlled:** Fully programmable with precise control over ultrasonic settings.
- **Comprehensive Control Options:** Adjustable 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.
- **Advanced Alarm System:** Alarms for over-temperature, over-current, overload, and transducer abnormalities.
- **Temperature Control:** Operates up to 99°C
- **Frequency Range:** 18-28 kHz with real-time frequency tracking accuracy to 1 Hz.
- **Cycle time settings:** It has cycle time setting with time range up to 99hrs:59mins:59sec.
- **Memory Storage:** Stores up to 9 data groups for easy retrieval.
- **Motorized Operating Table:** Electrically operated motorized platform with built-in lighting for clear visibility.



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



iGENE LABSERVE®
Innovative • Interactive • Intuitive



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