LABMAN
SCIENTIFIC INSTRUMENTS ®

Probe Sonicator
(Touch Screen)
With Sound Proof Enclosure

Salient Features

- Touchscreen display - 4.3 inches TFT
- User Password Protection available
- Microprocessor controlled and completely programmable.
- Large LCD display with Time setting .
- Temperature Indicator and controller.
- Auto-tuning for convenience and optimal processing efficiency.
- Variable Power Output control.
- Auto frequency tracking
- Output amplitude 0-100% adjustment.
- Automatic fault alarm.

Probe Sonicator is a multi-function and multi-purpose instrument that utilizes ultrasonic cavitation in liquid. It can be used for breaking many kinds of cells, bacteria, viruses, animal and plant tissues, also for emulsification and separation , homogenization, extraction, defoaming, cleaning, preparation of nanomaterials, dispersion and accelerated chemical reactions. Widely used in biology, medicine, agriculture, chemistry, materials science, pharmaceutical and other fields of teaching, research, production.

HSN Code : 8479

SPECIFICATIONS

Model	PRO650
Make	LABMAN
Frequency	20-25KHz - Automatic tracking
Process capacity	0.5-500ml (approx.)
Probe Dia (Titanium Alloy) Standard	6mm (1/4")
Display	4.3 inches TFT
Display Function	Temperature, Power, Time, etc.
Temperature range(℃)	0-99℃
Timer (Selectable)	Yes
Overload Protection	Yes
User Password Protection	Available
Input method	Touch screen control,
Data Memory	20 groups
Output Power	6.5-650W (adjustable)
Power supply	AC 220V /50HZ
Dimensions LxWxH (mm)	490 x 370 x 280
Weight	10 kg + 5kg (Sound Proof Enclosure)

Please use Probe Sonicator with stabilizer for better result

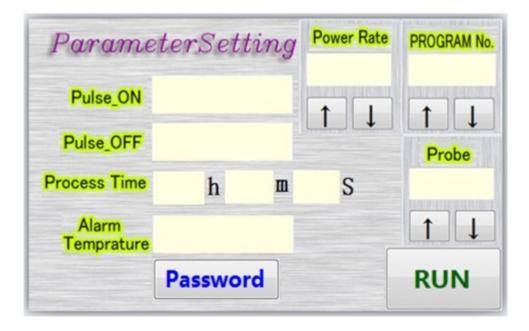**Optional Probe :** 2mm, 3mm, 8mm, 10mm, 12mm

Specifications are subject to change without notice.

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	Probes (mm)	Φ2	Φ3	★ Φ6	Φ8	Φ10	Φ12
PRO-650	Process capacity	0.5-5ml	3-10ml	10-100ml	20-200ml	30-300ml	50-500ml
	Power ratio (1-100%)	1-40%	1-50%	1-70%	1-80%	1-90%	20-95%