

**PRO656, 900, 1200**

CATALOGUE 2024-25



**Touch Screen  
Probe Sonicator With Sound Proof Enclosure  
PRO656,900,1200**

**SALIENT FEATURES**

- ✦ 7" TFT touchscreen display.
- ✦ Built-in LED light in sound proof enclosure .
- ✦ Temperature Meter display on screen.
- ✦ Circulating Glass beaker to rotate the sample- Standard Supply.
- ✦ Pulse/ Frequency and Time Graph in Wave formation.
- ✦ User Password Protection available.
- ✦ Output amplitude 0-100% adjustable
- ✦ Microprocessor controlled and completely programmable.
- ✦ Auto frequency tracking.
- ✦ Overload and time alarm functions,.

Probe Sonicator also referred as pulverizer, is a versatile and multifunctional device that utilizes powerful ultrasound to induce a cavitation effect in liquids. This ultrasonic treatment tool is designed for a wide range of applications, including the disruption of various animal and plant cells, as well as virus cells. Additionally, it is capable of performing emulsification, separation, homogenization, extraction, defoaming, cleaning, and accelerating chemical reactions.



E - Catalogue

HSN Code : 84798200

SPECIFICATIONS	Model	PRO656	PRO900	PRO1200
	Frequency	20-25KHz	20-25KHz	19.5-20.5KHz
	Power	6.5 - 650W adjustable	9 - 900W adjustable	12 - 1200W adjustable
	Crushing capacity	0.2-500 ml	0.5-700 ml	3-1000 ml
	Standard Probe	6mm	10mm	20mm
	Optional Probes	2/3/6/8/10/12mm	6/8/10/12/15mm	10/15/20/22mm
	Make	LABMAN		
	Display	7"Colorful touch screen display		
	Temperature range	0-100°C		
	Temperature & Power Display	Yes		
	Single ultrasound time & Single interval time	0.1-99.9 S		
	Alarm system	Time Alarm, Overload Alarm, No-Load Alarm, Over-temperature alarm		
	Waveform display	Pulse, frequency and time		
Data storage	20 sets			
Power supply	AC 220V,50/60Hz			
Dimension (L x W x H)	470x305x430mm			
Gross weight	10kg + 5kg (Sound Proof Enclosure)			

★ Specifications are subject to change without notice.

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PRO656

Probes (mm)	Φ2	Φ3	Standard Probe Φ6	Φ8	Φ10	Φ12	Φ15	Φ20	Φ22
Process capacity (ml)	0.2 – 5ml	3 -10ml	10 -100ml	20 – 200ml	30-300ml	50-500ml	NA	NA	NA
Power ratio (1-100%)	1-35%	1-45%	1-70%	1-80%	1-90%	10 – 90%	NA	NA	NA

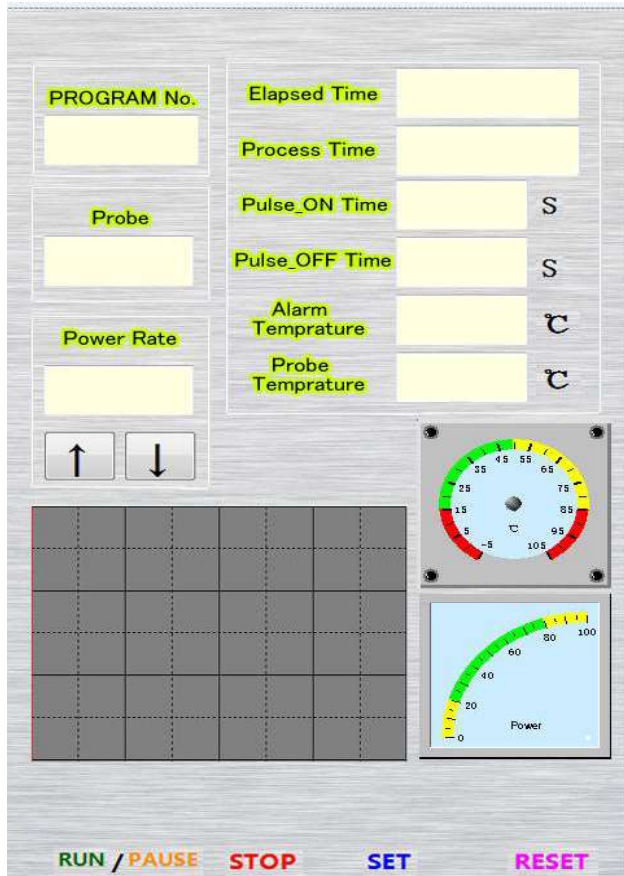
PRO900

Probes (mm)	Φ2	Φ3	Φ6	Φ8	Standard Probe Φ10	Φ12	Φ15	Φ20	Φ22
Process capacity (ml)	NA	NA	10 -100ml	20 – 200ml	30-300ml	50-500ml	50-700ml	NA	NA
Power ratio (1-100%)	NA	NA	1-70%	1-80%	1-90%	10 – 90%	10 – 90%	NA	NA

PRO1200

Probes (mm)	Φ2	Φ3	Φ6	Φ8	Φ10	Φ15	Standard Probe Φ20	Φ22	Φ25
Process capacity (ml)	NA	NA	NA	NA	30-300ml	30-300ml	200-1000ml	200-1000ml	NA
Power ratio (1-100%)	NA	NA	NA	NA	1-80%	1-80%	10-90%	10-90%	NA

**7 inch Touchscreen Display - PRO656, PRO900, PRO1200**



**STANDARD ACCESSORIES** Main Instrument, Transducer with Standard Probe, Temperature Probe, Power cable , Cable to connect LED Lamp. Soundproof Enclosure, Circulating Glass Beaker, Test Certificate