



**Touch Screen
Probe Sonicator With Sound Proof Enclosure
PRO656, 900, 1200, 1800**

SALIENT FEATURES

- 7" TFT Touch Screen Display.
- UV Sterilization Facility.
- 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,.



E - Catalogue

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.

HSN Code : 84798200

MODEL	PRO656	PRO900	PRO1200	PRO1800
Frequency	20-25KHz	20-25KHz	19.5-20.5KHz	19.5 - 20.5KHz
Power (Adjustable)	6.5W ~ 650W	9W~ 900W	12W ~ 1200W	18W ~ 1800W
Crushing capacity	0.2-500 ml	0.5-700 ml	3-1000 ml	10 - 1500ml
Standard Probe	6mm	10mm	20mm	22mm
Optional Probes	2/3/6/8/10/12mm	6/8/10/12/15mm	10/15/20/22mm	6/8/10/15/20/25mm
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			
Sound Proof Dimension (L x W x H)	355 x 355 x 545mm			
Dimension (L x W x H)	490 x 320 x 450mm	480 x 320 x 450mm	490 x 325 x 450mm	
Gross weight	22kg + 10kg (Sound Proof Enclosure)			

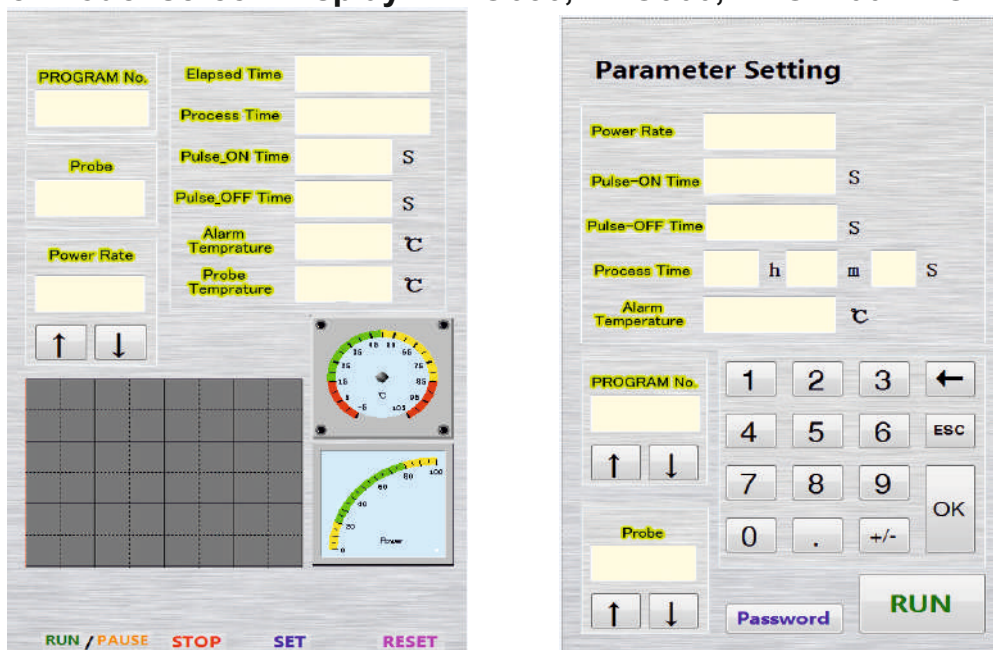
SPECIFICATIONS

★ Specifications are subject to change without notice.

PROBES

PRO656	Probes (mm)	Φ2	Φ3	Standard Probe Φ6	Φ8	Φ10	Φ12	Φ15	Φ20	Φ22
	Process capacity (ml)	0.1 – 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)	0.1 – 5ml	3 -10ml	10 -100ml	20 – 200ml	30-300ml	50-500ml	100-700ml	NA	NA
	Power ratio (1-100%)	1-35%	1-45%	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	3 -10ml	10 -100ml	20 – 200ml	30-300ml	100-500ml	100-1000ml	200-1000ml	NA
	Power ratio (1-100%)	NA	1-30%	1-50%	1-60%	1-70%	1-80%	10-90%	10-95%	NA
PRO1800	Probes (mm)	Φ2	Φ3	Φ6	Φ8	Φ10	Φ15	Φ20	Standard Probe Φ22	Φ25
	Process capacity (ml)	NA	NA	10 -100ml	20 – 200ml	30-300ml	100-500ml	100-1000ml	200-1500ml	500-1500ml
	Power ratio (1-100%)	NA	NA	1-40%	1-50%	1-60%	1-70%	10-90%	10-90%	20-95%

7 inch Touchscreen Display - PRO656, PRO900, PRO1200 PRO1800



STANDARD INSTRUMENTS : Main Instrument, Transducer with Standard Probe, Temperature Probe, Power cable , Cable to connect LED Lamp, Soundproof Enclosure, Circulating Glass Beaker, Instruction Manual, Test Certificate