

PRO656, 900, 1200, 1800



Probe Sonicator
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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)			

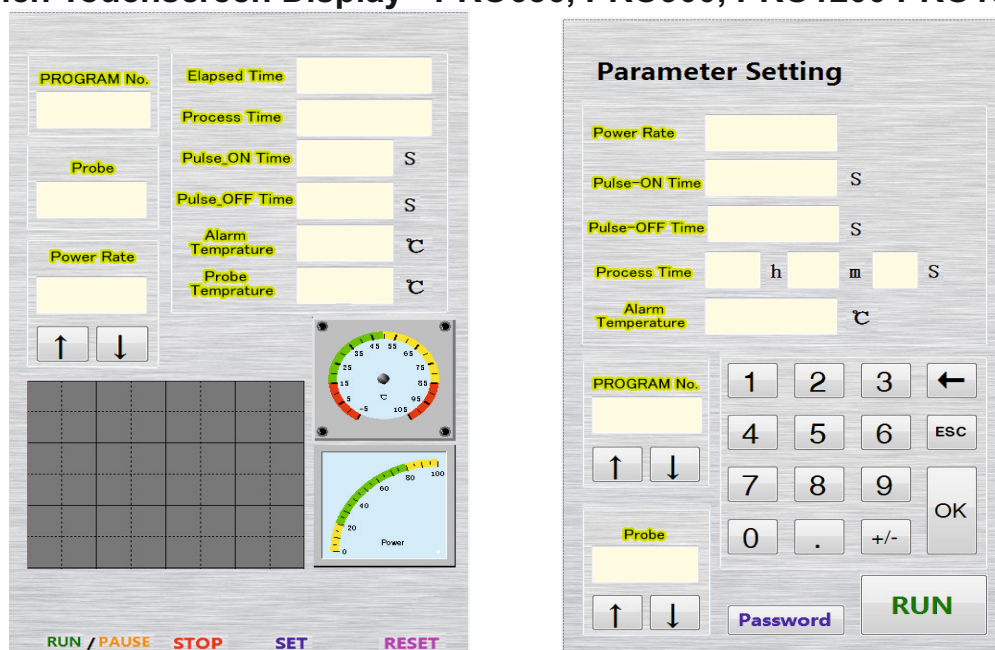
SPECIFICATIONS

★ 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

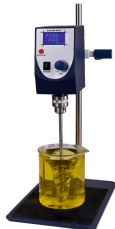


STANDARD INSTRUMENTS : Main Instrument, Transducer with Standard Probe, Temperature Probe, Power cable , Cable to connect LED Lamp, Soundproof Enclosure, Circulating Glass Beaker, Instruction Manual, Test Certificate

LABMAN Product Range 2025-26

LMFD61, 62, 63, 64 Lyophilizer Freeze Dryer (-60°C)	LMFD83, 84 Lyophilizer Freeze Dryer (-80°C)	LMRE25 Rotary Evaporator	ADM3 Automatic Density Meter	MSOD6 Microvolume Spectrophotometer
NAE32 Nucleic Acid Extractor	EMR4 Elisa Microplate Reader	GPTC96 Gradient PCR Thermal Cycler	HO30 Hybridization Oven	UVCL254 UV - Crosslinker
TGH12, 24 Tissue Grinder Homogenizer	PBH80T Paddle Blender Homogenizer	TOC2NDir Total Organic Carbon Analyzer	TOC1CD Total Organic Carbon Analyzer	LMDS600, 1200 Microwave Digestion System
HPLC1IS, HPLC2GS High Performance Liquid Chromatography	APT1800 Automatic Potential Titrator	KFT250VC Karl Fischer Titrator	COD1500 COD Analyzer with Digestor	BOD4000 BOD Analyzer
MTVM50 Multi Tube Vortex Mixer	LMVM60D Vortex Mixer	OS20 Orbital Shaker	TRM6 Tube Roller Mixer	DBNE12, 24 Dry Bath Nitrogen Evaporator

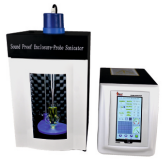
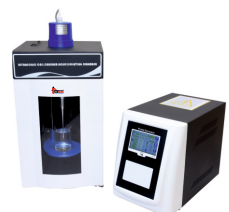
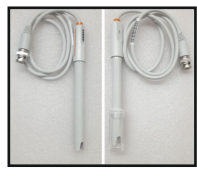
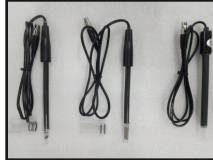
LABMAN Product Range 2025-26

DBI11T  Dry Bath Incubator	DBI15SH, DBI16SC  Dry Bath Incubator	IRS14, 35  Infrared Sterilizer	GGA200  Air Generator	GGA301, 302  Hydrogen Generator
GGN303  Nitrogen Generator	GHA304  Hydrogen Air Generator(2 in 1)	LMVP10  Vacuum Pump	LMVP20  Vacuum Pump	LMCO1  Column Oven
LMIO6  Mini Thermostatic Incubator	GHP400  Graphite Hotplate	LOBMS5  Oil Bath Magnetic Stirrer	LMMS4LC, 20LC  Ceramic Hotplate Magnetic Stirrer	LMMS300  Hotplate Magnetic Stirrer
MMS15S  Multiposition Magnetic Stirrer	MMS12H  Multiposition Magnetic Stirrer	WBMS3  Water Bath Magnetic Stirrer	LMWB2H, 4H, 6H, 8H  Digital Water Bath	HOS20L  Overhead Stirrer
LMHH160  Hand Held Homogenizer	PS1565  Peltier / Sipper System	LUV6HG  PMT Spectrophotometer	LUV2000T, 2100T  Single / Double Beam UV-Vis. Spectrophotometer with 21CFR	LMSPUV SERIES  Double Beam UV-Vis. Spectrophotometer

LABMAN Product Range 2025-26

LMSPUV1200  UV-Vis. Single Beam Spectrophotometer	LMSPV320, 325  Visible Spectrophotometer	ADP100CFR, 95CFR  Automatic Digital Polarimeter with CFR	ADP45, 50  Automatic Digital Polarimeter (±45°)	ADP75, 90  Automatic Digital Polarimeter (±90°)
ADP40  Automatic Digital Polarimeter	LMPM180  Manual Polarimeter	MAR100  Manual ABBE Refractometer	RFM100CFR  Digital Refractometer CFR	RFM950, 970  Digital Refractometer
LMAR1317T  ABBE Refractometer	LMDV300H  Digital Viscometer with Thermosel	LMDV60, 100, 200  Digital Viscometer (L Series)	LMDV400R  Digital Viscometer (R Series)	LMKV2  Krebs Viscometer
LMDV111, 222  Digital Viscometer with SSA	LVA30  Low Viscosity Adaptor	LMCR80F  Visual Colorimeter	LMUC2D  Ultrasonic Cleaner	LMUC3D, 6D, 9D, 12D, 25D  Ultrasonic Cleaner - Degas
LMUC50, 100  Industrial Ultrasonic Cleaner	LMPH15  pH Meter with Printer	LMPH12, LMPH10H  pH Meter	LMPH9  pH Meter - Basic	LMCM20H  Conductivity / TDS Meter

LABMAN Product Range 2025-26

LMCM20H  Conductivity / TDS Meter	LMMP30, 32  Multiparameter (7 in 1 / 9 in 1)	LMION40  Ion Meter	LMDO50  Dissolved Oxygen Meter	LMHD60  Water Hardness Meter
OPH11  Online pH Controller	OCM21  Online Conductivity Controller	LMTB200  Turbidity Meter	RCB1010T, 1020T, 1030T  Refrigerated Circulating Bath	RCB620T  Refrigerated Circulating Bath
RWC320  Recirculating Water Chiller	LMDO4P  Portable DO Meter	LMPH1P  Portable pH / ORP Meter	LMCM2P  Portable Conductivity / TDS Meter	LMTB5P  Portable Turbidity Meter
PRO656, 900, 1200, 1800  Probe Sonicator	PRO660R  Probe Sonicator with Remote	PRO650  Probe Sonicator	LMIF30T, 50T, 100T  Ice Flaker	LMIF200T  Ice Flaker
LMIM15  Ice Maker	LMIM20C  Ice Maker with Crusher	ISE19, 62  Nitrate / Fluoride ISEs	ER SERIES  pH Electrode / DO Electrode	CC1, CC2, CC3  Conductivity Cell