

ULTRASONIC PROBE SONICATOR WITH TOUCHSCREEN DISPLAY



This is the new generation series of Probe Sonicator with uniform ultrasonic frequency 20khz and 30khz. The enclosure is soundproof with portable design. The height adjustment mechanism adds more ergonomics to the design. The TFT touch screen display with user friendly interface and PLC are programmed in a way to give advance features such as Power Amplitude control, 8 Sample processing profiles, Data Logging of Date and Time vs Temperature. This equipment is designed to handle temperature- controlled sonication tasks with temperature range from Ambient 28 °C to 70 °C. It also has feature of programmable timer up to 99 minutes. This product finds its application in wide range of industries including pharmaceuticals, cosmetics, food processing, nano technology labs, defence sectors amongst others.

SPECIFICATION

Ultrasonic Power, Watts	150	150
Ultrasonic Frequency, Khz	20	
Probe Tip Diameter mm	3/6	6
Sample Volume	1-150	10-250
Probe Material	Titanium Alloy (Ti-6Al-4V)	
Sealed Converter	PZT (Energy Converter)	
Display	4.3" Touch Screen	
Programmable Timer (ON/OFF Pulse)	99 min	
ON / OFF Duty Cycle	1 to 20 sec	
Working Temperature Range	25 to 70°C	
Display Resolution for Temp.	0.1°C	
Temperature Stability	1°C	
User Profiles	01 to 08	
Supply Power Spec	230VAC, 50 Hz	

CAT. NO.	ITEM DESCRIPTION
UPSTS - 150 03	Touch Screen Probe Sonicator, Power 150 watts with Titanium Probe Tip, 3 mm
UPSTS - 150 06	Touch Screen Probe Sonicator, Power 150 watts with Titanium Probe Tip, 6 mm
UPSTS - 250 06	Touch Screen Probe Sonicator, Power 250 watts with Titanium Probe Tip, 6 mm