

Specifications for the probe Sonicator

Sr. No.	Parameter	Desired specification
1	Timer	Digital (1min to 99 min adjustable)
2	Program	5/10 program set
3	Temperature range	Min 10 – 80 °C
4	Temperature	Adjustable temperature
5	Crystal type	Piezoelectric frequency energy converter: Lead zirconate titanate (PZT) pyro electric ceramics
6	Frequency	20 kHz
7	Power supply	AC 230, 50 Hz
8	Capacity	50 - 1200 ml
9	Probe Size	10 mm Detachable type made of Titanium Alloy
10	Power	Min 1000 W
11	Timer	Cyclic ON/OFF
12	Extra probe of size	6 mm Detachable type made of Titanium Alloy
13	Display	Microprocessor based Digital Display with user prompts
14	Amplitude Control	Variable
15	Sound proof enclosure box	Standard
16	Laboratory Jack	Standard
17	Warranty	Two years