

SPECIFICATION FOR ULTRASONICATOR: Quantity –one Approximate price -1.95 lakhs

System should be microprocessor based programmable ultrasonic processor.

System should be supplied with probe of 500 microlitre to 50ml capacity

System should be of 125 W, 110V, 50/60Hz

System should have frequency atleast 20 kHz.

Programmable timer at least for 10 Hours.

Adjustable Pulse on/off should be in range of 1 second to 1 minute.

Programmable operation set time and amplitude for hands free operation.

Pulse mode for prevent heat buildup in temperature sensitive samples.

System should have elapsed time indicator, displays duration of sonication and real-time energy monitoring

System should have digital amplitude / intensity control.

Output intensity can be set from 20-100%.

Overload protection prevents damage to circuitry if a fault occurs.

System should be RoHS compliant, uses lead free components and compact in design.

System should have ISO or equivalent certification

Should be supplied with:

a) Sound abating enclosure

b) Laboratory Jack - one

c) Stand with converter clamp- one

Warranty & guaranty as per AIIMS rules

Vendor should have service centre at Delhi/NCR