

## (Probe Sonicator)

### Specifications:

- System with microprocessor based Control
- Automatic tuning and frequency control
- Option to set the time and amplitude
- Should capable of simultaneous monitoring and controlling of both the temperature of the sample and the amount of energy that is being delivered
- Pulse mode with full function ON and OFF cycle. Continuous mode up to 30 minutes or preferably more.
- With sound abating enclosure and jack stand
- Power rating : 700-750 watt, Frequency : Up to 40 kHz or more
- Processing Capacity: up to 1000 ml
- Digital amplitude / Intensity control : Output amplitude can be set from 10 to 100%
- Display: Energy monitor, Watt meter, Amplitude, Time indicator, Pulser and Temperature.
- Probes: suitable for Processing Volume 150  $\mu$ l to 5 ml and 10 ml to 250 ml
- Multiple sample processing probes can be quoted optionally
- Set of standard tool kits to be provided with Ultrasonic Processor
- Three Years comprehensive warranty
- After Sale, Service should be available promptly.
- Additional features/accessories if any that can potentially increase the productivity and safety of the instrument should be quoted as optional items.