SPECIFICATIONS

1. **Ultrasonic Processor**
   - Ultrasonic Processors with Temperature Controller and Memory.
   - Integrated temperature controller should be enable to prevent harmful sample overheating by terminating the ultrasonics when the sample temperature reaches a predetermined limit (set from 1 to 100°C).
   - Time-saving memory capable to store up to ten procedures to facilitate protocol duplication, automate repetitive tasks, and eliminate user-to-user method variability for consistent reproducibility.
   - Adjustable energy intensity with variable amplitude control and monitor digitally and graphically.
   - Timer should be control the processing from 1 second to 10 hours.
   - Should be Monitor elapsed time, duration of processing, and power.
   - Compatible SS Temperature probe should be quoted.
   - Watts : 750 watts
   - Operating Frequency : 20 kHz
   - Sample Size : Process batch sample as small as 250ul or as large as 19Ltrs./Hr by using optional flow cell with probes.
   - Probe with replaceable tip up to volume 10 - 250ml should be supplied with system.
   - Display : LCD
   - Power : 230V / 50Hz
   - Sound abating enclosure, stand, clamp etc. all the accessories to make system fully functional must be included or quoted separately.
   - Warranty One year.

**Optional Accessories**
- Stepped tip probe for sample volume 250 μl -10ml should be quoted.