

Name of equipment & Detailed Specifications	Quantity required
<p>Semi Pilot Scale Type: Rotary Digester Capacity: 100 Litres cylindrical cooking vessel Digester wall Thickness- minimum 12 mm Heating – electrically to achieve temp upto 180 °C Maximum Pressure: 15 kg/cm² Working Pressure: 10 Kg/cm² Digester body: Made of Acid and alkali Proof Steel (pH 2 to 14). Autoclave (Inner body): Fabricated from tested stainless steel sheet-SS316L. Digital Temp. control : PID type ± 1 °C Temp. Range : ambient to 200 °C Rotating Frequency: Rotation with change of turning direction ensures efficient agitation of the pulp (min 2rpm with VFD). Motor Rating: 3 Phase, 380 / 440 V, 1/2 HP.</p> <p>Tested safety valve</p> <ul style="list-style-type: none"> • Digester should be fully insulated with muffle wool • Separate control panel to operate the rotary digester • Measurement of pressure and temperature 	