





		<p>pressure. Two channel F0 value data and provision for data logging into PC</p> <p>Boiler with accessories: 100kg/hr. automated boiler with fuel tank, feed water tank and connecting pipelines to ensure recommended velocity of steam flow (fuel- diesel)</p> <p>Compressor and air receiver: 3HP air compressor with 1000 litre capacity air receiver, working pressure 9 bar with connecting pipelines of suitable diameter to ensure optimum velocity.</p> <p>Material used for construction should be SS 304</p>
2	<b>Universal Testing Machine, 1No</b>	<p>Auto ranging force readout to 2500 N , maximum resolution 0.01 N</p> <p>800% overload capacity on load cells</p> <p>Accuracy of better than +/- 0.5 % of indicated reading down to 1/1000th of load cell.</p> <p>Meets and exceeds BS EN ISO 7500-1 1999 Tension Grade 0.5.</p> <p>Compression Grade 0.5 and meets all other international standards.</p> <p>Force sampling rate 1000/s.</p> <p>Single column configuration with precision ball screws and guidance system</p> <p>High accuracy closed loop speed control with jog facility, range up to 1000000:1</p> <p>Test speed 0.001 to 1000mm/minute, Return speed 1500mm/minute</p> <p>Fixed load and travel protection limits.RS232 output for PC.</p> <p>User selectable load and travel limits</p> <p>Pc controlled load and extension cycle testing plus long term creep testing</p> <p>Digital control specimen break detection.</p> <p>Automatic return to test start position with no mechanical settings.</p> <p>Automatic check and adjustment of machine calibration</p> <p>Impact protection.Auto return selectable .Auto zero</p> <p>Direct connection to extensometers</p> <p>Frame size 1000 mm travel ,Jaw separation 950 mm,throat 100 mm</p> <p>Frame stiffness 5KN/mm</p> <p>Automatic identification of load cells .</p> <p>Dselectable units N,Kgf,Lbf,mm and inch.</p> <p>Display of crosshead movement to 0.001 mm display of absolute crosshead position to 0.001mm</p> <p>Power supply 230V/1/50Hz software to be included.</p> <p>50 kgf load cell giving ranges from 0.400 N to 500.0 N with equivalent in kgf and lbf 800 % overload capability without damage .Resolution 0.001 N</p> <p>Pneumatic Grips – 25mm wide</p> <p>Dual pedal footswitch control unit for pneumatic grips.</p>
3	<b>Water Vapour Transmission Analyser, 1No</b>	<p>Water Vapor Permeability Range: 0.1 – 10,000 g/m<sup>2</sup> in 24h</p> <ul style="list-style-type: none"> <li>• Accuracy: 0.05 g/m<sup>2</sup> in 24h</li> <li>• Resolution: 0.01 g /m<sup>2</sup></li> <li>• Temperature Range: 5-55°C</li> <li>• Humidity Range: 10-95% RH</li> <li>• Sample Size: 60 mm diameter</li> <li>• Power Supply: 220 V /50 HZ</li> <li>• Test area: 10-50 cm<sup>2</sup></li> <li>• Specimen Thickness: 10-1,000 μm</li> </ul>



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	<p>Features:</p> <ul style="list-style-type: none"><li>• 2 Independent water reservoirs/chambers</li><li>• Interval weighing measurement, automatic zeroing each time before weighing.</li><li>• Automatic temperature control.</li><li>• Automatic humidity control. Display and storage of various parameters as list and curves.</li><li>• Reference film/fabric.</li><li>• Simultaneous pressure and humidity gradients can be maintained.</li></ul> <p><b>SPECIAL FEATURES:</b></p> <ul style="list-style-type: none"><li>• Manual Weighing of cups</li><li>• Windows based report generation software</li><li>• Non-destructive testing</li><li>• Minimal maintenance required</li></ul>
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