



**List of Equipments selected to purchase for  
“Faculty of Paramedical Sciences”**

**Assam down town University**

## LIST OF LABORATORY EQUIPMENTS

Sl. No .	Faculty	Name of the Instrument	Make/Model /Company	Specifications	Quantity
1.	CIF, FOPS	<b>Benchtop Ultrapure Water System / Water Purification System</b>	<b>Make: SARTORIUS Model: H2O-MA-UV-T</b>	<p>Arium ® mini plus benchtop device, for the production of ASTM Type1 ultrapure water and Type 3 pure water.</p> <p>Scope of supply: 1 arium® mini plus with UV lamp. For analytical as well as especially critical applications, there is an additional option to order the respective system with an integrated UV lamp (185   254nm). This lets you reduce TOC down to &lt; 5 ppb*</p> <p>Unique bag tank technology arium® mini is the only ultrapure water system with integrated bag tank technology. Its design features the 5-liter Bag, originally developed for the pharmaceutical industry, integrated on a side panel. The high-quality Bag provides optimal conditions to store your pre- treated pure water for the production of type 1 ultrapure water.</p> <p><b>General Specifications:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Dimensions: width × height × depth 280 × 509.4 × 530.7 mm</li> <li><input type="checkbox"/> Empty weight Approx. 13 kg</li> <li><input type="checkbox"/> Operating weight Approx. 23 kg</li> <li><input type="checkbox"/> Power supply 100 – 240 VAC; 50 and 60 Hz, 2 A (max.)</li> <li><input type="checkbox"/> Operating temperature 2°C – 35 °C at max. 80% relative humidity</li> <li><input type="checkbox"/> Storage temperature 5°C – 45 °C at max. 80% relative humidity</li> <li><input type="checkbox"/> System will be supplied with: H2O-CPR Arium® mini plus Pre-treatment Cartridge (1pc) H2O-CBS-5-S</li> <li><input type="checkbox"/> Arium® 5-liter Bag (1 pc)</li> <li>H2O-S-PACK</li> <li><input type="checkbox"/> Arium® Scientific Kit (1 pc) 5441307H4—CE</li> <li><input type="checkbox"/> Sterile final filter (Sartopore® 2 150 capsules, 0.2 µm pore size), qty. 1 unit</li> </ul>	01

2.		<b>Ice Flaking Machine (50 kg)</b>	<b>Make: Labman</b>  <b>Model: LMIF50T</b>	<b>Specification:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Touch Screen Display</li> <li><input type="checkbox"/> Fully automatic microprocessor control</li> <li><input type="checkbox"/> Noiseless Operation</li> <li><input type="checkbox"/> Compact Design and low maintenance</li> <li><input type="checkbox"/> Temperature</li> <li><input type="checkbox"/> Front &amp; Back Ventilation design</li> <li><input type="checkbox"/> Continuous Ice Flakes Output</li> <li><input type="checkbox"/> CFC free compressor</li> <li><input type="checkbox"/> Stainless Steel construction</li> <li><input type="checkbox"/> Timer Function</li> <li><input type="checkbox"/> Capacity of ice flake (kg per 24 hrs.): 50kg</li> <li><input type="checkbox"/> Storage Capacity (kg~app.): 15kg</li> <li><input type="checkbox"/> Storage bin: ABS Plastic</li> <li><input type="checkbox"/> Cooling Method: Air</li> <li><input type="checkbox"/> Ambient Temperature: Below 25°C for optimum Working</li> <li><input type="checkbox"/> Construction: Stainless Steel</li> <li><input type="checkbox"/> Noise level: ≤52dB</li> <li><input type="checkbox"/> Water Supply: 3 / 4 inch BSP</li> <li><input type="checkbox"/> Refrigerant R290A</li> <li><input type="checkbox"/> Input Power: 280W</li> <li><input type="checkbox"/> Power Supply Adaptor, Using AC 220V, 50/60Hz</li> <li><input type="checkbox"/> Dimension L x W x H: 380 x 543 x 722 mm</li> <li><input type="checkbox"/> Gross Weight: 45kg</li> </ul>	<b>01</b>
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