

## ECG AND EMG RECORDER FOR RAT AND MICE

Sr. No.	Technical Specifications
1.	<b>Small animal ECG and EMG recorder</b> <ul style="list-style-type: none"><li>• Four biopotentials</li><li>• Input range of approximately 12mV to 2400mV</li><li>• Simultaneous sampling speed of around 20000 samples/second per channel</li><li>• Resolution of approx.16 bit</li><li>• System noise of approximately &lt;6 microvolts</li><li>• USB interface</li><li>• Plastic enclosure</li><li>• USB power supply</li></ul>
2.	<b>ECG and EMG analysis software.</b>
3.	<b>Accessories</b> <ul style="list-style-type: none"><li>• Temperature sensor</li><li>• Temperature controller with heated bed or platform</li><li>• Event marker</li></ul>
4.	<b>Vendor</b> <ul style="list-style-type: none"><li>• Vendor should have a good track record of selling systems with at least 10 installations across India especially in institutes like IITs, IISERs, IISc, CSIR labs.</li><li>• Vendor should submit at least 3 performance certificates for similar systems</li><li>• Vendor should have a local presence with good track record of after sales support in Chennai</li></ul>
5.	<b>Warranty</b> 5 years warranty and 2 years AMC included on all the above components
6.	<b>Installation to be done at IITM.</b>