

**Department of Physics**  
**University of Kerala, Kariavattom Campus, Thiruvananthapuram – 695581**  
**KERALA**

PHY/503 /2022

11-02-2022

**Quotation Notice**

**Quotations are invited for the supply of Vector Magnetometer with following specifications.**

A Vector Magnetometer	<ul style="list-style-type: none"><li>• Environmentally sealed sensor with data acquisition unit</li><li>• Simultaneous Display of the Three Vector Components.</li><li>• nanotesla (0.001 milligauss) Resolution in +/-100,000 nanotesla (1 Gauss) Full Scale Range</li><li>• +/-0.25% Basic Accuracy Traceable to NIST</li><li>• Operating temp 0°C to 50°C or better</li><li>• Sampling rate= 100/sec or better</li><li>• Data acquisition software should be compatible for windows or Linux.</li><li>• Power Requirements: 220 VAC, 50 Hz.</li><li>• Length of the connector cable should be 30 meters or longer</li><li>• Operator Selectable Field Units (nanotesla, microtesla or milligauss)</li><li>• Operator Selectable Vector Coordinate System (Rectangular or Polar)</li><li>• Absolute or Relative Display Modes</li><li>• Remote RS 232 cable Operation</li><li>• Two Analog Outputs per Axis</li><li>• Three Data Storage Modes:<ul style="list-style-type: none"><li>• Snapshot (7.5 s), Record (30 s) and Manual</li></ul></li></ul>
Warranty	<ul style="list-style-type: none"><li>• Not less than three years</li></ul>

Quotes should be inclusive of the cost, freight, taxes, etc. The above products should be delivered and installed at the Department of Physics, University of Kerala.

The quotes shall be addressed to Head, Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram 695581. **Kindly submit lowest quote for the above items on or before 22/02/2022 3.00 PM.**

  
Head  
Department of Physics  
University of Kerala  
Kariavattom-695 581

