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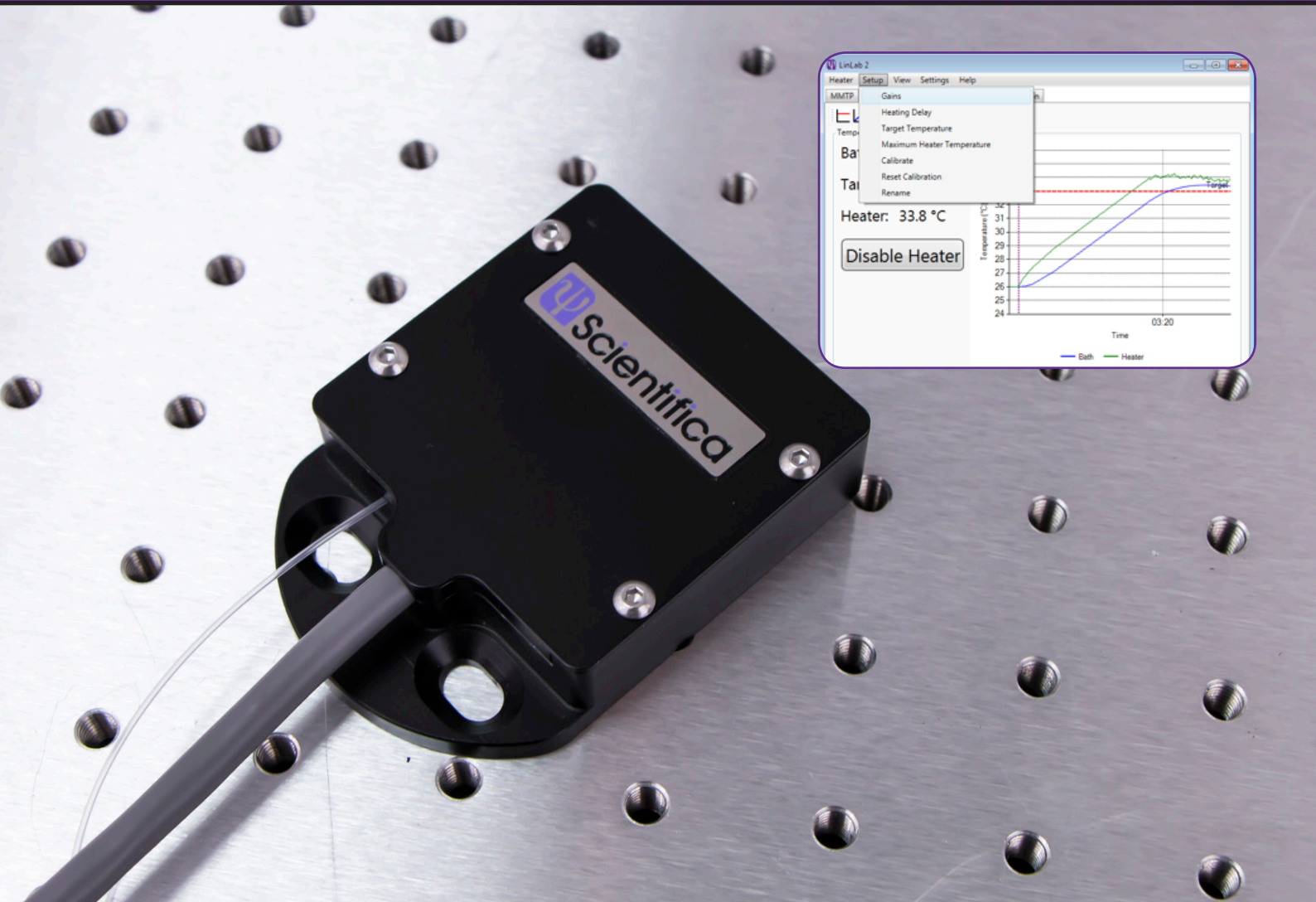**Experts in Electrophysiology & Imaging**

Temperature Control System

Specification sheet

- Simple control of perfusion solutions
- 0.1 °C control
- Up to 37 °C (at a flow rate of 6ml/m)
- LinLab integration, to adjust temperature, gain and maximum temperature
- In-line peltier heating

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The Scientifica Temperature Controller uses an in-line peltier heater and allows the heating of perfusion solutions to physiological temperatures (up to a maximum of 37 degrees Celsius when used at a flow rate of 6ml/m) Temperatures can be controlled within 0.1 degrees. The Temperature Controller uses the Scientifica LinLab software for operation and allows adjustment of temperature settings such as gain and maximum temperature. Actual bath temperature as well as heater temperature can be view against the target temperature through a live graph, shown in the LinLab software and this can be export for reference against sample recordings.

Supply voltage range	100-240 V
Supply frequency	50-60 Hz
Power/Current rating	240 V 1.1 A, 172 W - 100 V 2.1 A, 173 W
Dimensions (heater block)	76 x 53 mm
Dimensions (1U rack)	445 x 250 x 45 mm