



DESCRIPTION OF THE SUBJECT OF THE ORDER

Supply of homeothermic monitoring system is part of a project No. 2022/47/P/NZ4/03358 within the POLONEZ BIS programme co-funded by the National Science Centre and the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 945339

Research project entitled *Electrical stimulation of Anterior Thalamic Nuclei for memory modulation*.

HOMEOTHERMIC MONITORING SYSTEM

Closed-loop temperature control system for laboratory rats

Supply includes: 1 unit

Essential equipment:

- easy-to-use colour touchscreen,
- flexible rectal probe,
- easy-to-clean flexible heating pad,
- rat heating pad with a minimum size of 12.0 x 20.5 cm,
- insulating pad that insulates the heating pad from the surgical surface to prevent heat loss and improve performance,
- an audible alarm informing the user if the animal's body temperature deviates by $\pm 1^{\circ}\text{C}$ from the set temperature,

Requirements include:

- Temperature Range: minimum 20 to 55°C
- Resolution: at least 0.1°C ,
- Temperature Stability: $\pm 0.1^{\circ}\text{C}$,