

# Temperature controller TC-VII

The temperature controller TC07 is used for the different available bath chambers of Luigs & Neumann.

The bath chambers vary according to their mechanical construction, the number of peltier elements and the number of temperature probes. The choice of the bath chamber and other options can be selected in the menu. The display shows the temperature data of the set value and actual value and the cooling and heating flow of the peltier module.



|   |                      |
|---|----------------------|
| Dimensions (mm) .....                           | : ca. 485 x 310 x 88 |
| Weight .....                                    | : 5,1 kg             |
| Housing .....                                   | : 19" ( 84TE, 2HE )  |
| Control range .....                             | : 0°C to 50°C        |
| Temperature measurement accuracy .....          | : 0,1°C              |
| Intern resolution temperature measurement ..... | : 0,01°C             |
| Thermistor block accuracy .....                 | : +/-0,1°C           |
| Bath Thermistor accuracy .....                  | : +/-0,1°C           |
| Probe 3 + 4 input .....                         | : 10mV/°C            |
| Supply voltage for thermocopler .....           | : 12VDC/100mA        |
| Analog output .....                             | : 100mV/°C           |
| Digital output 1.....                           | : RS232/V24          |
| Digital output 2.....                           | : USB (Com port)     |

Order-Nr.: 200-100 500 0145