

The right temperature worldwide

LAUDA**LAUDA Integral XT 4 H****LAUDA Integral XT 4 H**
Process thermostat 230V;50Hz**Cat. No.** LWP 147**Article description:**

High-temperature process thermostat for dynamic temperature control in external circuits
Back-lit graphic LCD display with high resolution and different display modes
Additional green LED display for temperature
Input either via cursor keys, numeric soft keys or both. Additional Tmax key for overtemperature
Command console can be detached and used as remote control
EasyUse system for simple operation of the whole unit
SelfCheck Assistant for system diagnosis
Fully electronic continuous controller with PID action for internal and external control
PowerAdapt system for the use of the maximum possible amount of heat as long as permitted by the power supply system
Low-level protection and adjustable over-temperature protection with acoustic alarm. Float switch for identifying of low or high level
Powerful LAUDA Variopump (pressure pump) with 8 selectable output levels or control of outflow pressure
Optically decoupled RS 232/485 interface integrated as a standard

Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules)

Programmer with 150 temperature/time segments that can be separated into 5 programs

Digital display of pump pressure

Very small internal volume and big non-thermostated expansion vessel (cold fluid layer system)

Technical data (according to DIN 12876)

Working temperature range 80 °C ... 320 °C

Ambient temperature range 5 °C ... 40 °C

Temperature control $\pm 0,05$ °C

Cooling output (water counter-cooling)

300 °C -

200 °C -

150 °C -

100 °C -

50 °C -

Heater capacity max. 3,5 kW

Pressure pump

- Pressure max. 2,9 bar

- Flow max. 45 L/min

Pump connections M 30 x 1,5 M (DN 20)

Filling volume min./max. 2,6/8,1 L

Dimensions (W x D x H) 335 x 550 x 660 mm

> **Staff**

> **Inquiry**

> **Operating instructions**

> **Heat transfer liquids**

> **Accessories catalogue**

LAUDA DR. R. WOBSE GMBH & CO. KG

P.O. Box 1251, 97912 Lauda-Königshofen, Germany

Phone.: +49 (0)9343 503-0, Fax.: +49 (0)9343 503-222

E-mail: info@lauda.de, Internet: www.lauda.de