

The right temperature worldwide

**LAUDA**

A new star is born  
in the -90 °C class of thermostating:

**LAUDA Integral XT**

1590 W



**NEW**

Extreme powerful

Rapid temperature changes

Role model operation concept

# LAUDA Integral XT 1590 W

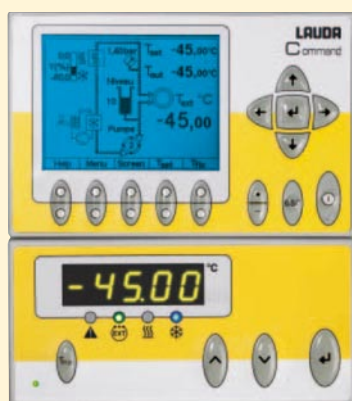
Process thermostat for thermostating from -90 up to 200 °C

The new LAUDA Integral XT 1590 W features outstanding cooling capacity even at already very low temperatures. Driven by a two-stage compressor system the new instrument fits perfectly to applications wherever ultra-deep temperatures of up to -90 °C and fast temperature changes are required. The water-cooled unit reaches up to 15 kW cooling capacity whilst the maximum heater power is 5.3 kW.



## Powerful and efficient

Fields of applications for the new LAUDA Integral 1590 W are thermostating tasks of stirrer tanks, glass or stainless-steel reactors in the chemical and pharmaceutical industries. Whenever strong endo- or exothermic chemical reactions occur and rapid temperature changes have to be surveyed and controlled. Dispensable process energy is removed from the process by the water-cooled unit, which is always advantageous regarding tight or non air-conditioned working surroundings.



## Convenient and easy

The process thermostat Integral XT is operated with a detachable LAUDA command control unit with a LCD graphic screen. The easy and intuitive operation in four languages allows rapid changes of settings during the process. An opto-decoupled RS 232/485 interface is integrated as standard.

Technical features	Integral XT 1590 W	
Mains connection 400 V; 3-/PE; 50 Hz		
Working temperature range	°C	-90...200
Temperature stability at -10 °C	+/-K	0.3
Heater power max.	kW	5.3
Cooling output at 20 °C	kW	15.0
Pump pressure max.	bar	2.9
Pump flow max.	L/min	45
Filling volume min.	L	10.5
Filling volume of expansion vessel	L	17.4