

PRODUCT DATA SHEET

Integral IN 750 XT

The new generation of the successful Integral XT process thermostats for professional temperature control in the temperature range from -90 to 320 °C: The powerful Integral XT process thermostats use the flow principle with cold oil superimposition. It allows users to use a wide temperature range with one temperature control medium. The electronically controlled, magnetically coupled eight-stage LAUDA Variopump allows the optimum thermal connection of the flow rate both for pressure-sensitive consumers and for applications with high hydraulic resistance. The modular interface concept ensures maximum networking of the user processes.



Working temperature min.
-45 °C



Working temperature max.
220 °C

Technical Attributes

Integral IN 750 XT

Working temperature min.	-45 °C
Working temperature max.	220 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.05 ±K
Application	external
Filling volume min.	4.8 L
Filling volume max.	17.2 L
Heater power	8.0 kW
Cooling output at 200°C measured with thermal oil	7.0 kW
Cooling output at 100°C measured with thermal oil	7.0 kW
Cooling output at 20°C measured with ethanol	7.0 kW
Cooling output at 10°C measured with ethanol	7.0 kW
Cooling output at 0°C measured with ethanol	5.4 kW
Cooling output at -10°C measured with ethanol	3.6 kW

LAUDA DR. R. WOBSE GMBH & CO. KG
Pfarrstraße 41/43 • 97922 Lauda-Königshofen
Postfach 1251 • 97912 Lauda-Königshofen • DE

T +49 (0) 9343 503-0 • F +49 (0) 9343 503-222
info@lauda.de • www.lauda.de
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSE Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobse (Vors.), Dr. Mario Englert
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobse

PRODUCT DATA SHEET

Integral IN 750 XT

Technical Attributes	Integral IN 750 XT
Cooling output at -20°C measured with ethanol	2.6 kW
Cooling output at -30°C measured with ethanol	1.6 kW
Cooling output at -40°C measured with ethanol	0.8 kW
Power consumption	12.0 kW
Interface(s)	Ethernet, USB
Noise level	65 dB(A)
Pump connection thread	M30 x 1,5
Pump pressure max.	3.1 bar
Pump flow max. (pressure)	65 L/min
Dimensions (WxDxH) in mm	560x550x1325

LAUDA DR. R. WOBSEY GMBH & CO. KG
 Pfarrstraße 41/43 • 97922 Lauda-Königshofen
 Postfach 1251 • 97912 Lauda-Königshofen • DE

T +49 (0) 9343 503-0 • F +49 (0) 9343 503-222
 info@lauda.de • www.lauda.de
 WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
 Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
 LAUDA DR. R. WOBSEY Verwaltungs-GmbH
 Sitz Lauda-Königshofen
 Registergericht Mannheim • HRB 560226

Geschäftsführer:
 Dr. Gunther Wobser (Vors.), Dr. Mario Englert
 Dr. Marc Stricker
 Beirat: Dr. Gerhard Wobser