

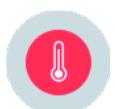
## PRODUCT DATA SHEET

### Integral T 4600 W

The mobile Integral T process thermostats have an adjustable heating and cooling capacity and small, active internal volume that enables fast temperature changes. The minimized thermal ballast makes it possible to control exothermal reactions or simulate climatic influences, for example. Starting with the T 4600 model, the Integral Ts are equipped with an additional pump for independent internal circulation within the internal loop. An adjustable bypass valve between the inlet and outlet of the external loop also enables a reduction in pressure to protect, for example, pressure-sensitive consumers.



Working temperature min.  
-30 °C



Working temperature max.  
120 °C

Technical Attributes	Integral T 4600 W
Working temperature min.	-30 °C
Working temperature max.	120 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.2 ±K
Application	external
Filling volume min.	6 L
Filling volume max.	18 L
Cooling output at -5°C measured with ethanol	2.9 kW
Heater power	6.0 kW
Cooling output at 20°C measured with ethanol	5.5 kW
Cooling output at 10°C measured with ethanol	4.5 kW
Cooling output at 5°C measured with ethanol	4 kW
Cooling output at 0°C measured with ethanol	3.4 kW
Cooling output at -10°C measured with ethanol	2.3 kW

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

## PRODUCT DATA SHEET

### Integral T 4600 W

Technical Attributes	Integral T 4600 W
Cooling output at -15°C measured with ethanol	1.7 kW
Cooling output at -20°C measured with ethanol	1.1 kW
Cooling output at -25°C measured with ethanol	0.65 kW
Cooling output at -30°C measured with ethanol	0.3 kW
Power consumption	8.3 kW
Interface(s)	RS-232/485
Pump connection thread	G 3/4 (15)
Pump pressure max.	3.2 bar
Pump flow max. (pressure)	40 L/min

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