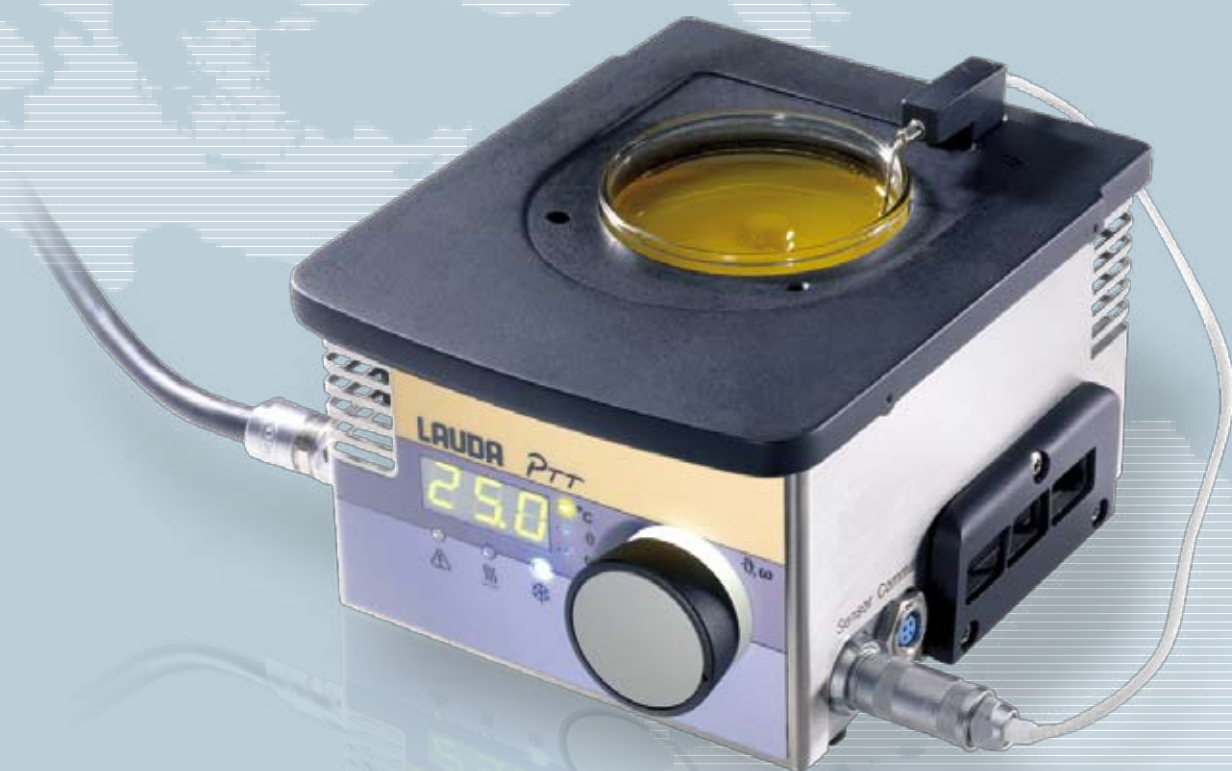


The right temperature worldwide

LAUDA



- Extremely compact
- Stirring, heating, cooling
- Rapid temperature change

NEW

**LAUDA Peltier
Thermostating Unit
PTT**

LAUDA PTT

Peltier Tempering Unit – PTT

The LAUDA PTT is the smallest serialized laboratory thermostat of its class. It contains control and operation electronics, heat flow elements and a mini magnetic stirrer.

Thanks to its small dimensions, the thermostating unit is suited to use in the new LAUDA TD 3 tensiometer and for stand-alone applications as well as in combination with other analysis equipment.

NEW



Examples of applications in stand-alone operation

- Thermostating/stirring small quantities of liquid in volumetric flasks, bottles and open or covered beakers
- Cyclical thermostating of biological or chemical samples
- Sample preparation of polymers and biochemical products as well as the solution of salts and crystal growing
- Dispersing, emulsifying, homogenising

Examples of applications in combination with other analysis equipment

- Dynamic viscosity measurements
- Density measurements by buoyancy or oscillating U-tube
- Photometric and turbidity measurements
- Dynamic measurements of light scattering
- Titration
- pH-value measurements
- Conductivity measurements
- Measurement of ion concentration
- Oxygen partial pressure measurements



Technical features		PTT
Working temperature range	°C	5...80 (Standard)
Sample volume max.	ml	60
Temperature stability	±K	0.5
Insertion diameter	mm	62
Cooling power at 20 °C	W	> 12
Magnetic stirrer		Integrated, adjustable
Interface		USB, LAUDA Tensiometer, Command-Unit
Ambient temperature range	°C	10...40
Power consumption	W	100
Dimensions (WxDxH)	cm	12.5x15x10
Weight	kg	1.1
Cat. No. 100...240 V 50/60 Hz		LMTZ831 incl. power supply

Thermostats · Circulation chillers · Water baths · Heating and Cooling Systems · Viscometers · Tensiometers

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