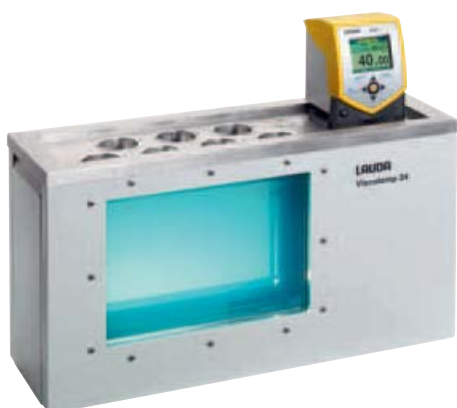


## Viscotemp

### Viscothermostats with stainless steel bath and control head Silver and Gold



The new Viscotemp 15, 24, and 40 viscothermostats with high-quality stainless steel baths and glass windows can be used in the most common temperature range from 0 up to 105 °C. The clearly designed single-chamber systems with optional background lighting provide a glass-clear view and can be easily cleaned. They are ideal for determining, for example, the viscosity index of motor oils or the solution viscosity of plastics. The Viscotemp 15 type offers space for up to four manual measuring stations or two automatic measuring stands, iVisc or S 5 (PVS). Viscotemp 24 has space for seven viscometers or up to four automatic measuring stands. Both versions can be fitted with cleaning modules. Viscotemp 40 was designed exclusively for manual measurements with twelve measuring stations. With the Therm 180 heat transfer liquid, the thermostats can be operated as a corrosion-resistant thermostating bath for aggressive samples, e.g. for polyamides dissolved in sulfuric acid.



Viscothermostat Viscotemp 24 G with cover plate 24 K  
 – Cover plates not included in delivery –



#### Special features

- Corrosion-resistant stainless steel bath with 19 to 44 liter bath volumes
- For up to four automatic or 12 stop watch (manual) measuring stations
- Optionally with control head ECO Silver or ECO Gold
- Clear design makes quick cleaning possible
- Variopump with six pumping levels and pump flow distribution for perfect homogeneity
- Display with standards-compliant resolution of 0.01 K
- Can be combined with LAUDA through-flow coolers
- Intuitive operation via cursor and softkeys

Temperature range  
 0...105 °C

Included accessories  
 Pump connection set with 13 mm plastic nipples (Silver) or M16 x 1 thread (Gold) · plugs

Additional accessories  
 Cooling coil · tubing · cover plates · Pt100/LiBus module

Technical features		Viscotemp 15 S/G	Viscotemp 24 S/G	Viscotemp 40 S/G
Working temperature range	°C	0*...105	0*...105	0*...105
Temperature stability	±K	0.01	0.01	0.01
Heater power 230 V (115 V)	kW	1.3 /2.6 (1.3/1.3)	1.3 /2.6 (1.3/1.3)	1.3 /2.6 (1.3/1.3)
Pump pressure max.	bar	0.55	0.55	0.55
Pump flow max.	L/min	22	22	22
Bath volume	L	19	27	44
Bath opening/depth	mm	252x145/320	430x145/320	430x230/320
Glass pane size	mm	152x233	329x233	329x233
Dimensions	mm	428x130x532	206x415x530	ø310x510
Cat. No. Silver 230 V; 50/60 Hz		LCD 0296	LCD 0298	LCD 0300
Cat. No. Silver 115 V; 60 Hz		LCD 4296	LCD 4298	LCD 4300
Cat. No. Gold 230 V; 50/60 Hz		LCD 0297	LCD 0299	LCD 0301
Cat. No. Gold 115 V; 60 Hz		LCD 4297	LCD 4299	LCD 4301

\* Possible with external cooling

The cover plates/bath bridge necessary for operation need to be ordered separately, see page 16

# LAUDA Viscocool and Viscotemp

## Viscotemp accessories

### **NEW** Background lighting

Cat. No.	Description	Suitable for
LCZ 9738	BL 15	Viscotemp 15
LCZ 9739	BL 24	Viscotemp 24, Viscotemp 40



LCZ 9738, LCZ 9739

### Cooling coil set

For connecting cooling water or external cooling devices with a circulation pump

Cat. No.	Description
LCZ 0719	Cooling coil set ET 15, connections at the right



LCZ 0719

### **NEW** Cover plates

Cat. No.	Description	Suitable for
LCZ 041	Cover plate E 15 V (for 2 measuring stands)	ET 15
LCZ 040	Cover plate E 15 VK (for 1 measuring stand/2 thermostating positions)	ET 15
LCZ 0685	Cover plate E 15 K (for 3 manual measuring stations)	ET 15
LCZ 0737	Cover plate Viscotemp VK (for 1 measuring stand/1 thermostating position)	Viscotemp 18
LCZ 0736	Cover plate Viscotemp K (for 5 manual measuring stations)	Viscotemp 18
LCZ 0730	Cover plate Viscotemp 15 V (for 2 manual measuring stands)	Viscotemp 15
LCZ 0731	Cover plate Viscotemp 15 VK (for 1 measuring stand/2 thermostating positions)	Viscotemp 15
LCZ 0729	Cover plate Viscotemp 15 K (for 4 manual measuring stations)	Viscotemp 15
LCZ 0733	Cover plate Viscotemp 24 V (for 4 manual measuring stands)	Viscotemp 24
LCZ 0734	Cover plate Viscotemp 24 VK (for 2 measuring stands/4 thermostating positions)	Viscotemp 24
LCZ 0732	Cover plate Viscotemp 24 K (for 7 manual measuring stations)	Viscotemp 24
LCZ 0735	Cover plate Viscotemp 40 K (for 12 manual measuring stations)	Viscotemp 40
LTZ 052	Insert for manual measurements	
HPB 139	Bath bridge	Viscotemp 15, Viscotemp 24



LCZ 040



LCZ 041



LCZ 0733



LCZ 0736

LCZ 0737

## Additional Viscocool, Viscotemp and Proline accessories

### Tubing

To connect thermostat and DLK

Cat. No.	Description
LZS 001	Silicone tubing, 8 mm I.D. (9 mm insulated)
LZS 007	Silicone tubing, 11 mm I.D. (9 mm insulated)
LZS 018	Viton tubing, 11 mm I.D. (9 mm insulated), when using silicone oils (Therm 180, 200, 240, Krylo 20)
EZS 012	Tubing clamps

### Temperature probes

For external temperature regulation

Cat. No.	Description
ETP 059	Pt100-94 Temperature probe for external control
LRZ 918	Pt100/LiBus module

### Through-flow cooler

Cat. No.	Description
LFD 010	DLK 10, 230 V; 50 Hz
LFD 710	DLK 10, 100 V; 50 Hz/115 V; 60 Hz
LFD 108	DLK 25, 230 V; 50 Hz
LFD 708	DLK 25, 100 V; 50 Hz/115 V; 60 Hz
UK 263	Control cable for Proline and ECO

### Interfaces

For temperature controlling via PC (TEMP-DLL)

Cat. No.	Description
LRZ 913	RS-232-/485 Interface
EKS 089	USB 2.0 cable: Mini USB

### Heat transfer liquids

For operation between 25 and 100 °C

Cat. No.	Description
LZB 114	Therm 180, 5-L canister
LZB 214	Therm 180, 10-L canister
LZB 314	Therm 180, 20-L canister

### Water stabilizer

Cat. No.	Description
LZB 923	AquaStab, algicide for viscothermostats, 100 ml



LZS 018



ETP 059



LFD 010



LRZ 913



LZB 923