


LAUDA Viscocool



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- Integrated Peltier cooling with Viscocool 6
- Up to 15 °C below room temperature, no additional cooler necessary
- Saving space in the lab
- Good price-performance ratio

Viscocool and Viscotemp Viscothermostats with transparent bath and Silver and Gold control heads



The tried-and-tested ET 15 baths made from polycarbonate provide space for immersion of a maximum of three glass capillary viscometers for manual measurement using the stop watch or for up to two automatic measuring stations for iVisc or S 5 (PVS). If required, when using dilution viscometers for example, up to two magnetic stirrers can be added to the thermostat.

Specifically for applications near room temperature (15 to 30 °C), the ET range was expanded upon with the inclusion of the extremely compact, electronic Viscocool 6 version which is cooled using Peltier technology. It can provide cooling without a cooling water connection or any additional devices. The similarly new round solid glass bath Viscotemp 18 is used particularly for temperatures around 100 °C for operation with silicone oils and with aggressive samples. Outstanding insights in the smallest space can be achieved thanks to up to five stop watch measuring stands. Alternatively, it can be equipped with an iVisc or PVS measuring stand and thermostating position.



Viscothermostat Viscocool 6



Special features

- Baths made from polycarbonate or glass with 6 to 18 liters bath volume
- Ideal for operation between 20 and 40 °C
- For up to two automatic or five stop watch measuring stations
- Optionally with the control head ECO Silver or ECO Gold (except for Viscocool 6)
- Simple 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
- Polycarbonate bath Viscocool 6 with integrated Peltier cooling and double chamber system

Temperature range
15...105 °C

Included accessories

Pump connection set with 13 mm plastic nipples (ET 15 S, Viscotemp 18 S) or M16 x 1 thread (ET 15 G, Viscotemp 18 G) - plugs

Additional accessories

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



| Technical features | | ET 15 S/G | Viscocool 6 | Viscotemp 18 S/G |
|---------------------------------|-------|-------------------|-------------|-------------------|
| Working temperature range | °C | 20*...100 | 15...90 | 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 (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 | 15 | 6.5 | 18.5 |
| Bath opening/depth | mm | 275x130/310 | 188x128/330 | ø290/320 |
| Dimensions | mm | 428x130x532 | 206x415x530 | ø310x510 |
| Cat. No. Silver 230 V; 50/60 Hz | | LCD 0288 | LCD 0292 | LCD 0294 |
| Cat. No. Silver 115 V; 60 Hz | | LCD 4288 | LCD 4292 | LCD 4294 |
| Cat. No. Gold 230 V; 50/60 Hz | | LCD 0289 | - | LCD 0295 |
| Cat. No. Gold 115 V; 60 Hz | | LCD 4289 | - | LCD 4295 |

* Possible with external cooling

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

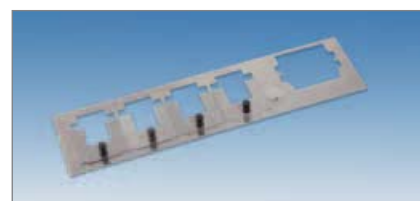
| Cat. No. | Description | Suitable for |
|----------|--|----------------------------|
| LCZ 041 | Cover plate E 15 V (for 2 measuring stands) | ET 15 |
| LCZ 040 | Cover plate E 15 VK (for 1 measuring stand/2 thermostating positions) | ET 15 |
| LCZ 0685 | Cover plate E 15 K (for 3 manual measuring stations) | ET 15 |
| LCZ 0737 | Cover plate Viscotemp VK (for 1 measuring stand/1 thermostating position) | Viscotemp 18 position |
| 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, Kryo 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