


The right temperature worldwide

LAUDA



The universal water baths for the laboratory –
LAUDA Aqualine

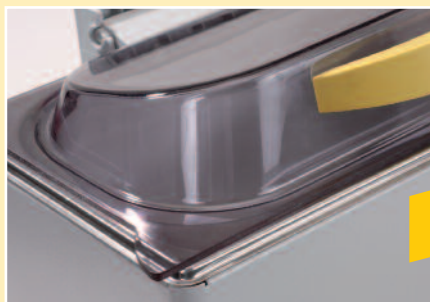
LAUDA Aqualine
Product information

 The universal water bath for the laboratory

LAUDA water baths: the basis of all thermostating tasks



Easy-to-read
LED display

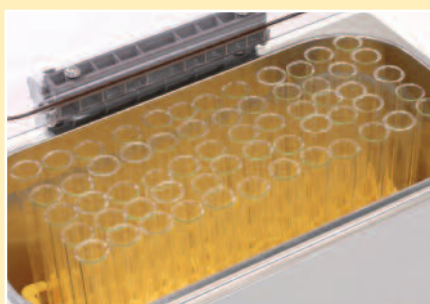


NEW

New transparent
gable cover



Easy-to-clean
bath vessel



Optimum use
of the bath

The LAUDA Aqualine is the start of the thermostating chain for research and industrial purposes, and offers an economical introduction into the world of thermostating. Easy operation via the digital LED display enables fast start-up without the need for complicated settings.

Typical applications: the preparation of cytobiological or medical samples for analysis, pre-thermostating of environmental samples for spectroscopic analysis.

Safety at all costs

The innovative casing concept of the LAUDA Aqualine units design and robustness. The recessed operating elements protect the electronics from dripping water and dirt. This increases the service life of the devices, and makes working safe. The transparent bath cover prevents dripping of condensation water into the samples. The optimised roof shape of the cover is very easy to clean. Reliable continuous operation with water (safety class I, NFL) is enabled thanks to the integrated overtemperature protection.

Details for simplifying work

The baths have neither circulation pumps nor any other fittings. This makes them resistant to corrosion, easy to clean and disinfect and offers maximum usable space. This is advantageous for biochemical and medical use. The heating elements attached to the bottom of the bath vessel ensure a homogenous temperature distribution without local overheating occurring even if large numbers of samples are to be thermostated. It is through this special technology that the minimum filling level for operation is 20 mm: important for large fluctuations in volume caused by change-over of the samples. The bath cover made from polycarbonat delivered as standard.

With their various bath sizes, the LAUDA Aqualine water baths offer an economical introduction into the world of thermostating. Easy operation and a high degree of reliability characterise the range of devices for basic applications in the laboratory.

Reliable, practical, ergonomic – the new LAUDA Aqualine water baths

Variants for all sample sizes. The LAUDA Aqualine water baths are available in five different sizes. Depending on the size and the quantity of the samples, the user has the right bath depth or opening for his application at his disposal. All the baths are made from moulded stainless steel, and do not have any fittings. In this way, the interior is used to its full advantage, and

the number of samples per bath is maximised. Above all, the LAUDA Aqualine is orientated towards the requirements of biological, medical and biochemical laboratories. Thanks to the innovative heating concept, the baths also achieve a high level of temperature homogeneity, even of large numbers of samples.



AL 5 water bath

Important advantages:

- ❖ Easy operation via digital LED display
- ❖ Integrated overtemperature protection
- ❖ Large, optimum use of space
- ❖ Easy to clean, since the bath vessel does not have any fittings
- ❖ Homogenous temperature distribution thanks to heat elements underneath the bath
- ❖ Optimised shape of the bath cover prevents condensation from dripping into the samples

Standard accessories:

Bath cover made from polycarbonat



| Technical features | | AL 2 | AL 5 | AL 12 | AL 18 | AL 25 |
|--------------------------------|-----|------------|-------------|-------------|-------------|-------------|
| Working temperature range | °C | 25...95 | 25...95 | 25...95 | 25...95 | 25...95 |
| Temperature stability at 37 °C | ± K | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Heater power | kW | 0.5 | 0.5 | 1.0 | 1.2 | 1.2 |
| Bath volume | L | 0,9...1.7 | 1...5 | 2...12 | 3...18 | 3...25 |
| Bath opening/Bath depth | mm | 300x151/65 | 300x151/150 | 329x300/150 | 505x300/150 | 505x300/200 |
| Cat. No. 230 V; 50/60 Hz | | LCB 0723 | LCB 0724 | LCB 0725 | LCB 0726 | LCB 0727 |
| Cat. No. 115 V; 60 Hz | | LCB 4723 | LCB 4724 | LCB 4725 | LCB 4726 | LCB 4727 |

You can find a selection of important accessories for the LAUDA Aqualine water baths on this page. Please see the LAUDA accessories brochure for further accessories.



Racks
stainless steel up to 100 °C

Racks with polymer handles for comfortable use in water baths.

| Cat. No.: | Designation | Qty. | | Ø mm | Immersion/mm |
|---------------|-------------|-------|--|---------|--------------|
| | | Tubes | | | |
| UE 033 | RN 13/1 | 15 | | 10...13 | 80 |
| UE 034 | RN 18/3 | 11 | | 14...18 | 80 |
| UE 035 | RN 18/4 | 11 | | 14...18 | 110 |
| UE 036 | RN 30/1 | 4 | | 24...30 | 110 |
| suitable for | 2 x in AL 5 | | | | |



Racks
stainless steel up to 100 °C

Racks with polymer handles for comfortable use in water baths.

| Cat. No.: | Designation | Qty. | | Ø mm | Immersion/mm |
|---------------|-------------------------------------|-------|--|---------|--------------|
| | | Tubes | | | |
| UE 029 | RN 13 | 91 | | 10...13 | 80 |
| UE 030 | RN 18/1 | 45 | | 14...18 | 80 |
| UE 031 | RN 18/2 | 45 | | 14...18 | 110 |
| UE 032 | RN 30 | 15 | | 24...30 | 110 |
| suitable for | 1 x in AL 12 2 x in AL 18, AL 25 | | | | |



Racks
stainless steel up to 100 °C

Racks with polymer handles for comfortable use in water baths.

| Cat. No.: | Designation | Qty. | | Ø mm | Immersion/mm |
|---------------|--|-------|--|---------|--------------|
| | | Tubes | | | |
| UG 105 | RQ 13 | 36 | | 10...13 | 80 |
| UG 106 | RQ 18/1 | 21 | | 14...18 | 80 |
| UG 107 | RQ 18/2 | 21 | | 14...18 | 110 |
| UG 108 | RQ 30 | 10 | | 24...30 | 110 |
| suitable for | 1 x in AL 5 3 x in AL 12 5 x in AL 18, AL 25 | | | | |



Platform
stainless steel

Height adjustable in eight steps.

| Rising platform | |
|-----------------|-------------------------------------|
| Cat. No.: | Usable area/mm |
| LCZ 0689 | 140 x 270 |
| suitable for | 1 x in AL 12 2 x in AL 18, AL 25 |

Please note:
You can use standard test tube racks for the LAUDA Aqualine water baths without any problem.

Please request your free copy of the comprehensive LAUDA accessories brochure.

Thermostats · Circulation chillers · Water bath · Heating and Cooling systems · Viscometers · Tensiometers

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