

The right temperature worldwide

# LAUDA




**NEW**

The universal water baths for the laboratory –  
LAUDA Aqualine

DJB Labcare - The UK's Leading Centrifuge Specialist  
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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



Robust, practical  
gable casing



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. 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 optimised roof shape of the swivelling bath cover made from stainless steel delivered as standard – prevents condensation from dripping into the samples, irrespective of the opening position.

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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:

Stainless steel gable casing



Technical features		AL 2	AL 5	AL 12	AL 18	AL 25
Working temperature range	°C	30...95	30...95	30...95	30...95	30...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

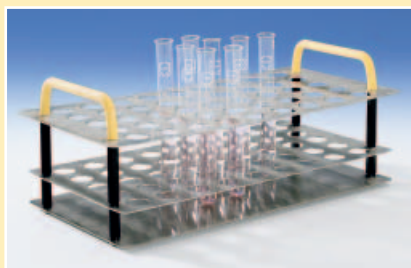


You can find a selection of important accessories for the LAUDA Aqualine water baths on this page. Please see the LAUDA accessories brochure for further accessories.



**Racks**  
stainless steel up to 100 °C

Racks with polymer handles for comfortable use in water baths.



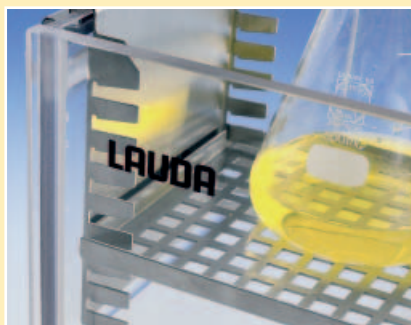
**Racks**  
stainless steel up to 100 °C

Racks with polymer handles for comfortable use in water baths.



**Racks**  
stainless steel up to 100 °C

Racks with polymer handles for comfortable use in water baths.



**Platform**  
stainless steel

Fixed on one side of the bath, height adjustable in eight steps.

Cat. No.:	Designation	Qty. Tubes	Ø mm	Immersion/mm
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			

Cat. No.:	Designation	Qty. Tubes	Ø mm	Immersion/mm
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			

Cat. No.:	Designation	Qty. Tubes	Ø mm	Immersion/mm
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			

Rising platform	
Cat. No.:	Usable area/mm
LSZ 0329	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 · Heating and Cooling systems · Interfacial Instrumentation & Viscometry Instrumentation

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