



DragLab

Laboratory

Water Bath

DW 06

DW 10

DW 15

DW 25

DW 35

DW 50



DragLab

## Water Bath DW 35

The Drag Lab water bath is an ideal solution for various laboratory applications including biotechnology, chemistry, and environmental sciences. It offers precise PID digital temperature control ranging ambient from 5°C to 100°C. DragLab water bath model DW 35 is a 35 liter useful tank volume and comes with an integrated drain faucet and adjustable feet, ergonomic grip making it easy to handle and safe to use.

### DragLab Water Bath: Precision, Durability, and Efficiency for Laboratory Applications

DragLab water bath is a laboratory device that provides consistent and controlled temperature conditions for general-purpose applications. It features an easy-to-clean stainless steel interior tank, and importantly, the stainless steel heating element is located inside to facilitate rapid warm-up and responsive heating. Additionally, the powder-coated steel exterior ensures durability. Furthermore, the integrated drain faucet allows for quick and clean draining, while the ergonomic side grips ensure easy transportation. Moreover, adjustable feet provide stability. In addition, a circulating pump to enhance performance and temperature homogeneous. The device also includes a digital display for setting and viewing temperatures, a timer, and bath status, a 304 stainless steel cover reduces heat loss and ensures uniform temperatures and a Perforated bottom plate prevents direct contact with heating elements. Finally, the volume range from 6L to 50L accommodates various application needs.



### Application:

- Biotechnology laboratories.
- Academic and Research Institutions.
- Healthcare and Clinical Laboratories.
- Food and beverage production.
- Environmental Testing laboratories.
- Cosmetics, skincare products production.
- Pharmaceutical industries.
- Chemical laboratories and sample preparation.

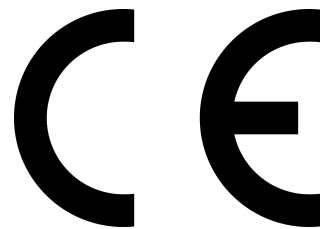
A vertical bar on the left side of the page, divided into three colored segments: black at the top, red in the middle, and yellow at the bottom.

# Quality and Expertise



DragLab is certified to ISO 9001:2016, reflecting our unwavering commitment to quality and excellence. We continuously optimize our production processes, ensuring that every step is efficient and effective. Through ongoing development and innovation, we strive to meet and exceed industry standards. Our customer-centric approach prioritizes the needs and satisfaction of our clients, driving us to maintain rigorous quality assurance protocols. This dedication ensures that laboratory equipment manufactured by DragLab consistently meets the highest standards of quality and reliability.

DragLab Laboratory Devices are meticulously designed and manufactured from high-quality materials to meet the most rigorous requirements of our customers. Our commitment to excellence and innovation drives continuous development and improvement, informed by daily usage and ongoing technological advancements. 'Quality and Expertise' is not just about creating impressive product designs; it reflects our company's policy of prioritizing high preparedness and customer-centric service as our fundamental objective. This dedication extends to all DragLab products, which comply with current European standards and bear the CE mark.



## Water Bath DW 35

### Features:

- ✓ The tank has a 35-liter capacity.
- ✓ digital display for setting and viewing temperatures, a timer
- ✓ Easy operation with intuitive controls and a user-friendly interface.
- ✓ The mains switch is protected against spray water, ensuring safe operation in potentially wet conditions.
- ✓ Integrated protection prevents operation when dry conditions are detected.
- ✓ The integrated drain faucet allows for easy and convenient emptying of the tank when needed.

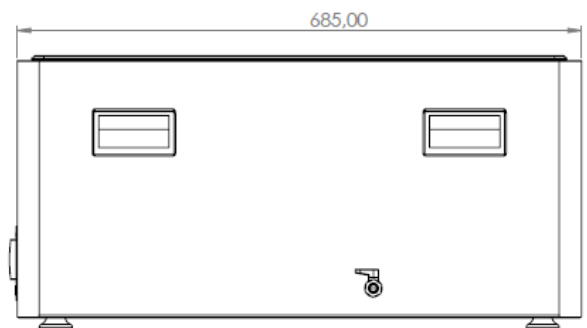
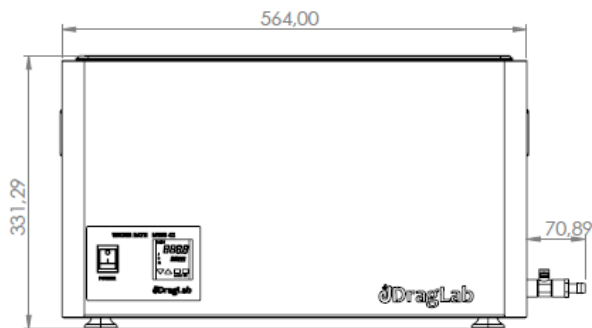


- ✓ The integrated drain faucet allows for easy and convenient emptying of the tank when needed.

- ✓ Easily accessed tank for effortless cleaning and maintenance.
- ✓ Tank material made of stainless steel AISI 304
- ✓ Heating element made of stainless steel.
- ✓ Housing material made of galvanized steel,

- ✓ Ergonomic side grips ensure easy transportation.
- ✓ adjustable feet provide stability.
- ✓ Energy-saving features ensure efficient operation and reduced power consumption.

### Dimensions:



## Water Bath DW 35

### Specifications:

|                              |  |
|------------------------------|--|
| Temperature                  |  |
| Setting temperature range    | +5.00 °C to 100.00 °C  |
| Setting accuracy Temperature | 0.1 °C   |
| Temperature unit             | Easy to choose Celsius or Fahrenheit.  |
| Temperature sensor           | 1 Pt100 sensor DIN class A in 2-wire-circuit.  |
| Control technology           |  |
| Controller                   | PID microprocessor digital controller.   |
| Display                      | 4 Digit 7 segment digital display.   |
| Calibration                  | 1 point calibration.   |
| Timer                        | Digital timer from 1 min. up to 9999 min. with delay function.   |
| Standard equipment           |  |
| Heating element              | Heating element made of stainless steel (material no.: EN 1.4301).   |
| Drain system                 | Integrated with drain tap - easy to empty  |
| External material            | Housing material made of galvanized steel, electrostatically powder-coated   |
| Circulation                  | Built in circulating pump to enhance performance and temperature homogeneous   |
| Main switch                  | The mains switch with led light and protected against spray water  |
| cover                        | stainless steel cover reduces heat loss and ensures a uniform temperature  |
| Safety                       |  |
| Alarm                        | Adjustable limit on the independent temperature safety device  |
| Auto diagnostic system       | microprocessor PID-temperature controller with integrated autodiagnostic   |
| Class                        | Class I in accordance with the EU directive MDD 93/42/EEC  |
| Protection Class             | IP20 according to EN 60529   |
| Standards                    | EN 61010-1 and EN 61010-2-010 in accordance with EU directive 2014/35/EU<br>EN 61326:2021 in accordance with EU directive 2014/30/EU |

## Water Bath DW 35

### Specifications:

| Interior              |  |
|-----------------------|--|
| Internal material     | Internal tank made of stainless steel AISI 304 |
| Internal dimensions   | 625 W X 505 D X 150 H (mm)                     |
| Plate                 | The perforated bottom plate is included.       |
| Volume                | 35 litter                                      |
| Liquid level minimum  | 40 mm  |
| Liquid level maximum  | 115 mm   |
| Electrical data       |  |
| Voltage               | 230 volts, 50/60Hz                             |
| Watt                  | 1000 watts                                     |
| Shipping information  |  |
| Customs tariff number | 8419 8998                                      |
| Packaging Dimension   | 420 X 650 X 690 (mm)                           |
| Net weight            | 30 Kg  |
| Gross weight carton   | 33 Kg  |

### Order Information:

| Description                           | Model | Article number |
|---------------------------------------|-------|----------------|
| Water Bath volume 35 L, 220V/50-60 Hz | DW 35 | 2035.000       |



**Nanodrag Technology GmbH**

Alfred-Herrhausen-Allee 3-5

D-65760 Eschborn

Germany

**Phone :** +49 6196 400816

**Fax :** +49 6196 400910

**Email :** info@drag-lab.de

**Distributed by:**