

## SW22 Shaking water bath

JULABO shaking water baths provide numerous state-of-the-art features for common day-to-day laboratory tasks. For example: sloped edges keep water in the stainless steel bath tank even when bath lid is open.



### Product features

- Splash-proof design
- Warning and cut-off protection for high/low temperature
- Convenient bath drains
- Lift-up bath cover (optional)
- Bright MULTI-DISPLAY (LED)
- Reliable Microprocessor PID temperature control
- Electronic timer for setting the running time (0:01 to 9:59 h:min)
- Wide range of accessories including lift-up Makrolon bath cover available
- Removable shaking carriage
- Shaking frequency adjustable from 20 to 200 rpm
- Dry-running protection with audible and optical alarm
- Removable platform for full immersion of the sample containers (included in the delivery)
- easy operation and best reproducibility
- ATC3 1-Point-Calibration
- High temperature stability of  $\pm 0.2\text{ }^{\circ}\text{C}$

### Performance values

|   |   |
|---|---|
| 230V/50HZ (Schuko Plug - CEE 7/4 Plug Type F) |   |
| Heating capacity kW                           | 2 |
| Power consumption A                           | 9 |

### Technical data

| Available voltage versions  |  | Bath                               |                 |
|-----------------------------|--|------------------------------------|-----------------|
| Order No.                   | 9 550 322  | Bath tank                          | Stainless steel |
| Available voltage versions: |  | Bath cover                         | accessory       |
| 9550322.02                  | 115V/60Hz (Nema N5-15 Plug)                      | Usable bath opening cm (W x L / D) | 50 x 30 / 18    |
| 9550322.03                  | 230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F) |                                    |                 |
| 9550322.04                  | 230V/50-60Hz (UK Plug Type BS1363A)              |                                    |                 |
| 9550322.05                  | 230V/50-60Hz (CH Plug Type SEV 1011)             |                                    |                 |
| Other                       |  | Electronics                        |                 |
| Classification              | Classification I (NFL)                           | Temperature control                | PID1            |

|         |       |                     |        |
|---------|-------|---------------------|--------|
| IP Code | IP 21 | Temperature display | LED    |
|         |       | Temperature setting | Keypad |

| Waterbath   |              |
|---|--------------|
| Dimension with bathcover cm (W x L x H)                       | 70 x 35 x 43 |
| Shaking frequency / adjustable Shaking frequency (linear) rpm | 20 ... 200   |
| Shaking stroke / adjustable shaking stroke mm                 | 15           |

| Dimensions and volumes    |              |
|---------------------------|--------------|
| Usable immersion depth cm | 18           |
| Weight kg                 | 19.7         |
| Dimensions cm (W x L x H) | 70 x 35 x 26 |
| Filling volume l          | 8 ... 20     |

| Temperature values                                   |               |
|--|---------------|
| Setting the resolution of the temperature display °C | 0.1           |
| Working temperature range °C                         | +20 ... +99.9 |
| Temperature stability °C                             | ±0.2          |
| Ambient temperature °C                               | +5 ... +40    |

For applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

### All Benefits



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**Precise**  
PID Temperature control with set control parameters, temperature stability  $\pm 0.02 \dots \pm 0.2$  °C



**Automatic control of operating time**  
Electronic countdown-timer function for timer-programmed unit shut-down, standby mode after programmed time expires