

AL05-31-230 Water Bath Shaker, 45 liter



Specifications and features:

- Thermostated bath with horizontal shaking
- Microprocessor-controlled temperature regulation by means of an integrated Pt100 sensor, with “ARA V2” algorithm of temperature regulation with “fuzzy logic” control.
- Digital Display LCD backlighted showing the selected and actual temperature and speed.
- Inner tank made of stainless steel AISI 304 and metallic housing protected with Epoxy-paint of great resistance to aggressive surroundings
- Membrane push-button control.
- Cut out indicator lamp. The unit will cut out if there is insufficient liquid or if the temperature exceeds the maximum temperature.
- Safety automatic disconnection with acoustic alarm that prevents overheating from the programmed temperature (+5°C). Connects again when the temperature is below set limit.
- Indication on the display of high temperature on the tank, that provides protection against burn. From 45°C.
- Automatic restart after unexpected shut down keeping the same parameters as before the incident. An incident sign appears on the display. (option)
- Memory of the last settings.
- Water drainage faucet and handles for easy transport

Technical details:

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| • Capacity (liter): | 45 l |
| • Temperature range: | approx. 5 °C above ambient temperature to 100 °C |
| • Resolution (°C): | 0,1 |
| • Power (W): | 3200 W |
| • Type of Movement: | Horizontal |
| • Amplitude (mm): | 40 |
| • Speed range (rpm): | 10-100 |
| • Resolution (rpm): | 5 |
| • Interior dimensions(WxDxH): | 490 x 450 x 170 mm |
| • Exterior dimensions(W x D x H): | 730 x 600 x 400 mm |
| • Electrical connection: | 230 V / 50...60 Hz / 0.6 kW |
| • Weight: | 27,0kg |
| • Protection IP | IP52 |
| • Precision (%): | +/-0,5 |

Accessories:

Cover of stainless steel		
For bath of 27L	AL05-30-150	
For bath of 45L	AL05-31-150	
Universal support with 5 rollers		
* order with the instrument, mounted in factory		
For bath of 27L	AL05-30-152	
For bath of 45L	AL05-31-152	
Support platform for erlenmeyer flasks*		
For bath of 27L	AL05-30-151	
For bath of 45L	AL05-31-151	
<i>Erlenmeyers flash spring clip 50 ml. (max 30u.)</i>	AL05-21-155	
<i>Erlenmeyers flash spring clip 100 ml. (max 20ud.)</i>	AL05-21-156	
<i>Erlenmeyers flash spring clip 250 ml. (max 12ud.)</i>	AL05-21-157	
<i>Erlenmeyers flash spring clip 500 ml. (max 9ud.)</i>	AL05-21-158	
<i>Erlenmeyers flash spring clip 1000 ml. (max 6u/)</i>	AL05-21-159	