

## ***PolyScience Shaking Water Bath***

### ***Features***

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**Can be used as a shaking bath,  
shaker only, or water bath only**

**Smooth Orbital or Reciprocal  
Shaking Action**

**Accurate Microprocessor Control**

**Three User-defined Temperature Preset Buttons**

**Redundant Safety Backup**

**Front Panel Lockout**

**Electronic Calibration**

The PolyScience Shaking Water Bath System provides you with the exceptional performance durability, and ease of use of a PolyScience Water Bath, along with precise sample agitation. The complete system consists of a PolyScience 20L or 28L Water Bath, Shaking Platform, and special polycarbonate, see-through cover. If you have a PolyScience 20L or 28L water bath, you can easily upgrade it by simply purchasing the Shaker Platform and, for applications requiring temperatures over 60°C, the specially designed Shaker Cover (catalog number 510-117).

This unique, dual action shaker can be used for both linear and circular movement. Changing shaking action is as simple as moving a knob, even when the Shaker is in motion! Plus for added operational flexibility, both range of motion and rotation speed are user-adjustable – 2 to 12 mm and 30 to 180 RPM respectively. Shaker speed is displayed continuously on a bright, easy-to-read LED panel.

The special cover is designed to permit full movement of the Shaker's sample tray arms while minimizing heat loss and evaporation. Plus its steeply gabled design accommodates flasks as large as 1000 ml. To complete the system, flask holders capable of holding 25, 50, 125, 250, 500, or 1000 ml flasks are available as accessory items..

Shaking Bath Specifications	
Temperature Range	Ambient +5° to 100°C
Temperature Uniformity	±0.2°C
Orbital Motion Diameter	2 to 12 mm
Reciprocal Stroke Length	2 to 12 mm
Agitation Speed	30 to 180 rpm

Shaking Bath System	20 Liter	28 Liter
Working Access l x w x d	11½ x 19½ x 5.88 in. 29.21 x 49.53 x 14.94 cm	11.63 x 19.56 x 7.94 in. 29.54 x 49.68 x 20.17 cm
Overall Dimensions With Cover l x w x h	20 x 26 x 21 in. 50.8 x 66.04 x 53.34 cm	20 x 26 x 21 in. 50.8 x 66.04 x 58.42 cm
Shipping Weight	66 lbs. / 20 kg	60 lbs. / 27.22 kg
Cat. No. 120V, 50/60Hz, 9A	042900	042902
Cat. No. 240V, 50/60Hz, 4.5A	042901	042903

Shaker Platform* **	20 Liter	28 Liter
Overall Dimensions l x w x d	17½ x 26¼ x 16½ in. 44.5 x 66.7 x 42 cm	17½ x 26¼ x 18½ in. 44.5 x 66.7 x 47 cm
Shipping Weight	38 lbs. / 17.2 kg	38 lbs. / 17.2 kg
Cat. No. 120V, 50/60Hz, 1A	040671	040677
Cat. No. 240V, 50/60Hz, 0.5A	040673	040675

\*Cover available separately. Order catalog No. 510-117.

\*\* If used with a Water Bath purchased after Oct 1, 2004 Adapter Plate cat. no. 505-091 is also required

Flask Holder						
Flask Size	1000ml	500ml	250ml	125ml	50ml	25ml
Maximum Per Tray	4	4	6	8	24	48
Cat. No.	040810	040808	040806	040804	040802	040800