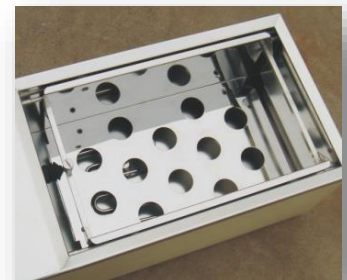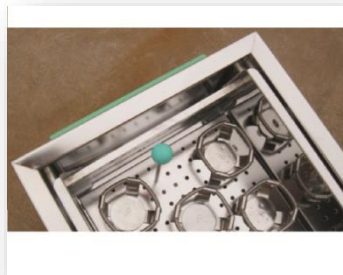# Shaking Water Baths

SQ-4520

Description:

The SciQuip reciprocal water bath shaker combines unmatched reliability and durability. It delivers superior temperature control and uniformity with a smooth shaking motion. Bath temperature is controlled to an accuracy of ±0.1℃ by a P.I.D microprocessor controller for optimum reproducible bath conditions. Dual thermostats provide optimum protection for your work and water bath. The steeply gabled lid and inward-sloped tank rim allow condensate to drain neatly back into the bath, preventing condensate from dripping onto the samples.

Features:

- Solid electric drive mechanism provides uniform and quiet agitation and enables continuous 24 hour operation.
- Water bath temperature is monitored and controlled over the entire range with an accuracy of ±0.1ºC with P.I.D temperature controller.
- Easy-to-read LCD digital display provides a user-friendly interface which helps minimize errors in establishing running conditions.
- Non-volatile memory retains preset parameters during a power failure and restarts unit automatically after the power is restored.
- Heat loss and evaporation is minimized with the use of finely electro-polished stainless steel gabled lid cover.(Standard on SQ-4520)
- High quality #304 stainless steel for excellent durability of interiors and its parts.
- Standard stainless steel tray, without clamps.

Specifications:

Model	SQ-4510	SQ-4520
Volume (L)	30	50
Gable Lid Included	Yes	Yes
Shaking Mode	Reciprocal	
Temperature Range (°C)	Ambient-99.9	
Temperature Accuracy	±0.1ºC	
Temperature Uniformity	±0.2ºC@37ºC 100rpm	
Timer	1 minute to 500 hours	
Stroke (mm)	16 (Default setting), 24	
Speed Range(rpm)	20-180	
Tray (mm) (WxD)	434x256	494x316
Inner Dimensions (mm) (WxDxH)	508x300x200	568x360x250
Exterior Dimensions (mm) (WxDxH)	795x360x380	855x420x430
Packing Dimensions (mm) (WxDxH)	865x430x520	925x490x590
Net/Gross Weight (kg)	29/40	33/49
Power (W)	1600	2000
Electricity	220-240V 50/60 Hz	
Approval	CE, ISO	

Flask (ml)	50ml	100ml	250ml	500ml	1000ml
SQ-4510	15	15	11	6	-
SQ-4520	24	24	15	11	6