

## TM-14SB Hotplate Stirrers (Basic)

Manufacturer: LabCompanion

SKU#: 8194-10-0793

Easy to control with simple dial knobs for general lab heating and stirring applications.



### Product Description

Operating Features Fast and precise stirring operations are enabled by BLDC motor and special magnet with extremely strong magnetic coupling power. Smooth-start mechanism provides virtually no decoupling of stir bars even with viscous media. Instant halt of the stirring operation due to the exceptionally fast response characteristics of the BLDC motor. Hot Top warning Indicator for preventing accidental injuries. Built in thermal shutdown and current limit protection. Large stirring capacity up to 20 liter in case of water. Constructional Features Integrated design of the heater and the top plate provides exceptional heat transfer rate and quick heat up capability. Non-slip heating bath with concavo-convex bottom prevents unintentional slips of the bath.(optional) Support rod allows for diverse flexibility in configuring other test equipment and accessories. (optional)

### TM-14SB Hotplate Stirrers (Basic) Specification

Model <sup>1)</sup>	TM-14SB	TM-14RB	TM-17SB	TM-17RB	TM-18Q
Technical Data	Heating	Temperature Range	Amb. to 350 / 662		
		( / )			
Control	Scale				
Heating Power (W)	600	800			
Stirring	Speed Range (RPM)	50 to 2,000			
Capacity	20 / 0.71				
(L / cu ft, H2O)					
Magnetic Bar, Max.	8 x 40 / 0.31 x 1.57				
( xL, mm / Inch)					
Safety	Hot Top Indicator ( / Warning lamp (50 /				
	)	122)			

Over Temp.	Top plate Main body PCB				
Over Current	Current limit protection				
Motor	BLDC motor				
Load, Max (kg / lbs)	25 / 55.12				
General Data	Top plate	Shape	Round Type	Square type	
Material	Ceramic coated aluminum				
Dimension ( or WxD, mm / Inch)	140 / 5.51	170 / 6.69	180x180 / 7.08x7.08		
Body	Shape	Straight body	Round handles	Straight body	Round handles
Material	Cast aluminum				
Dimension (WxDxH, mm / Inch)	161x290x100 / 6.34x11.42x3.94	210x294x99 / 8.27x11.57x3.9	191x330x101 / 7.52x12.99x3.98	240x324x100 / 9.45x12.76x3.94	209x326x102 / 8.22x12.83x4.0
Electrical Requirements (230V,50Hz/60Hz)	3 A	4 A			
Cat. No. Electrical Requirements (120V,60Hz)	AAH34215K 5A	AAH34315K 6.7A	AAH34225K	AAH34325K	AAH34235K
Cat. No.	AAH34213U	AAH34313U	AAH34223U	AAH34323U	AAH34233U

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