

TM-14RB Hotplate Stirrers (Basic)

Manufacturer:

SKU#: 8194-10-0797

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-14RB Hotplate Stirrers (Basic) Specification

Model ¹⁾ 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 140 / 5.51 170 / 6.69 180x180 / 7.08x7.08

(or WxD, mm/

Inch)

Body Shape Straight body Round handles Straight body Round handles

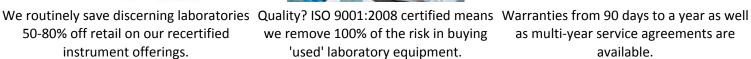
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Material	Cast aluminum				
Dimension (WxDxH,	161x290x100/	210x294x99 /	191x330x101/	240x324x100/	209x326x102 /
mm / Inch)	6.34x11.42x3.94	8.27x11.57x3.9	7.52x12.99x3.98	9.45x12.76x3.94	8.22x12.83x4.0
Electrical	3 A	4 A			
Requirements					
(230V,50Hz/60Hz)					
Cat. No.	AAH34215K	AAH34315K	AAH34225K	AAH34325K	AAH34235K
Electrical	5A	6.7A			
Requirements					
(120V,60Hz)					
Cat. No.	AAH34213U	AAH34313U	AAH34223U	AAH34323U	AAH34233U

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