

ONE SOLUTION FOR  
TWO CRITICAL NEEDS



## PRECISE HEATING AND STIRRING MANTLES

When your experiments demand both precise heat and controlled stirring, the Precision Stirring & Heating Mantle steps in as the all-in-one solution. Designed to support consistent reactions and prevent thermal inconsistencies, it ensures uniform results for complex lab processes like distillation, boiling, and extraction—without the hassle of separate equipment, all while prioritizing safety and accuracy in every experiment.



### Dynamic Temperature Control

Fine-tune heating and stirring with real-time reaction tracking.



### Accurate Temperature Regulation

PT 100 probe with auto-detection and integrated PID for precise control.



### Smart Safety Features

Auto-spill shutdown, safe temperature limits, and protective fuse for reliable operation



### Durable & Lab-Ready

Corrosion-resistant SS top, insulated cool-touch body, and grounded design.



### High-Speed Stirring

Smooth mixing up to 2200 rpm—perfect for demanding reactions.



### Effortless Calibration

Easy setup and built-in calibration ensure long-term accuracy and reliability.

# TECHNICAL DATA & ORDERING INFORMATION

Model Name	PRM250	PRM500	PRM010	PRM020
Flask Capacity	250 ml	500 ml	1L	2 L
Working Temperature Range	Ambient +5 °C to 350°C			
Temperature Accuracy	1 °C			
Timer	upto 999 mins or continuous			
Stirring Speed	300 - 2200 rpm			
Power Requirements	1Å, 150W	1Å, 200W	1Å, 300W	2.5Å, 450W
Display	LED Display with Temperature, Time and Process Status			
Top Plate Material	SS			
Body Construction	SS			
Product Dimensions (L × B × H) mm	310 × 330 × 160	310 × 330 × 160	310 × 330 × 160	263 × 355 × 136
Stage wise Heating Modes	Yes			
External Temperature Probe	PT 100			
HSNCode	84198990			
Ordering Code	BLFHPRM 25000000000	BLFHPRM 50000000000	BLFHPRM 01000000000	BLFHPRM 02000000000

\*PRM Capacities 5L & 10 L available on request

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