

## AccuPlate™ Hotplates, Stirrers and Hotplate Stirrers

Labnet's *AccuPlate* digital hot plates and stirrers are versatile, powerful and easy to use. Every unit is built for consistent performance and long term reliability. With three models to choose from, there is an *AccuPlate* to meet your lab's needs.

Each *AccuPlate* is equipped with a Pyroceram® ceramic top plate that is extremely durable, easy to clean and is highly resistant to chemical attack. In addition, the ceramic plates can reach higher temperatures (rated to 550°C) than metal topped units and the white color makes it easy to view color changes in applications such as titrations.

The *AccuPlate* Hotplate and Hotplate Stirrer models incorporate a powerful heating element positioned directly beneath the ceramic top plate. This provides optimal heat transfer to the plate and sample while minimizing heat transfer to the electronics and housing. The Stirrer and Hotplate Stirrer utilize a powerful motor drive system paired with strong permanent magnets to ensure a consistent connection to the stir bar. The control software is designed to minimize stir bar decoupling by regulating the acceleration rate of the motor.

The durable cast aluminum housing and angled faceplate protect the electronics in the event of an accidental spill. The Hotplate and Hotplate Stirrer models also feature a bright red "Hot Top" indicator to alert users that the ceramic top is too hot to touch – even if the heater is off, the light will remain on until the top has cooled to a safe temperature.



- Precise liquid temperatures and stirring speeds
- Digital display and safety indicators
- Angled front panel and large control knobs

SPECIFICATIONS	AccuPlate Hotplate	AccuPlate Stirrer	AccuPlate Hotplate Stirrer
Temperature range	5° - 550°C (41° - 1022°F)	N/A	5° - 550°C (41° - 1022°F)
Temperature accuracy	± 2°C	N/A	± 2°C
Speed range	N/A	60 - 1150 rpm	60 - 1150 rpm
Top plate material	Ceramic	Ceramic	Ceramic
Top plate size	12.7 x 17.8 cm (5" x 7")	12.7 x 17.8 cm (5" x 7")	12.7 x 17.8 cm (5" x 7")
Dimensions (W x D x H)	19.7 x 28 x 10.8 cm	19.7 x 28 x 10.8 cm	19.7 x 28 x 10.8 cm
Weight	2.7 kg (6.0 lbs.)	3.2 kg (7.0 lbs.)	3.2 kg (7.0 lbs.)
Electrical	230V, 50/60 Hz	230V, 50/60 Hz	230V, 50/60 Hz

### ORDERING INFORMATION

Catalog No.	Description
D0400-230V	AccuPlate Hotplate, 5" x 7" Ceramic top, 230V, EU and UK Cords
D0410-230V	AccuPlate Stirrer, 5" x 7" Ceramic top, 230V, EU and UK Cords
D0420-230V	AccuPlate Hotplate Stirrer, 5" x 7" Ceramic top, 230V, EU and UK Cords
D0461	Kit includes D0462, D0466 and Stir Bar retriever
D0462	External Temperature Probe (for D0400 and D0420)
D0463	Teflon® coated magnetic stir bar (1 x 2.5 cm)
D0464	Boss Head clamp - for holding D0465 at a 90° angle from D0466
D0465	Temperature probe (D0462) holding rod
D0466	Vertical Support Rod (two 22.8 cm rods which can be connected)