

# HOTPLATES



**LabTech**

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# LABTECH EH SERIES HOTPLATES

LabTech EH and EG HotPlates are designed to meet laboratory daily heating requirements. Their unique features include different digital temperature controllers and anticorrosion or stainless steel heating surface. They are excellent solutions for heating digestion, evaporation and acid distillation, and fully satisfy the requirements of different labs.

## ► EH Series

- Large heating surface
- Fast and uniform heating
- Microprocessor control
- Special high anticorrosion coatings
- Durable and stable operation
- Compact design combined with an elegant look



## ► EH45 Graphite Version

- Graphite heating surface
- Fast and uniform heating
- Microprocessor control
- Max temperature up to 450°C
- Durable and stable operation
- Fully closed design



# 6 GOOD REASONS TO CHOOSE LABTECH HOTPLATES

- **Compact footprint**  
Saves precious bench space
- **Chemical resistance**  
Long lasting operations
- **Robustness**  
Durability
- **Fast heating**  
Time saving
- **Flexibility**  
Multiple users
- **Price/performance ratio**  
A solution for any budget

# EH SERIES TECHNICAL SPECIFICATIONS

	EH20APLUS	EH20B	EH20S	EH20R
Heating power (W)	2000			
Temperature control mode	Switch (LED)	P.I.D. (LCD)	P.I.D. (LCD) Multipoint Heating and Dual Sensor	P.I.D. (LCD) Wireless Remote Control
Temperature range (°C)	Ambient ~ 200			
Temperature accuracy (°C)	±5.0	±1.0	±1.0	±1.0
Heating surface material	Aluminum Alloy with PTFE Coating			
Corrosion resistance	Excellent			
Heating mode	Electrothermal Component			
Non-stop working time (hrs)	>48			
Heating area (LxW cm)	40x30			
Dimensions (LxWxH cm)	40x30x14			
Weight (Kg)	18			
Power supply voltage	230V 50/60Hz			
Ordering information	LH2011	LH2020	LH2021	LH2022

	EH20D	EH35APLUS	EH35B	EH35S
Heating power (W)	2000			
Temperature control mode	P.I.D. (LED)	Switch (LED)	P.I.D. (LCD)	P.I.D. (LCD) Multipoint Heating and Dual Sensor
Temperature range (°C)	Ambient ~ 200	Ambient ~ 350		
Temperature accuracy (°C)	±0.2	±5.0	±2.0	±2.0
Heating surface material	Aluminum Alloy with PTFE Coating	Stainless Steel		
Corrosion resistance	Excellent	Good		
Heating mode	Electrothermal Component			
Non-stop working time (hrs)	>48			
Heating area (LxW cm)	40x30			
Dimensions (LxWxH cm)	40x30x14			
Weight (Kg)	18			
Power supply voltage	230V 50/60Hz			
Ordering information	LH2030	LH2041	LH2050	LH2060

	EH45APLUS	EH45B	EH45S	EH45C
Heating power (W)	2800			
Temperature control mode	Switch (LED)	P.I.D. (LCD)	P.I.D. (LCD) Multipoint Heating and Dual Sensor	P.I.D. (LCD)
Temperature range (°C)	Ambient ~ 450			
Temperature accuracy (°C)	±5.0	±2.0	±2.0	±2.0
Heating surface material	Graphite			Graphite with Ceramic Coating
Corrosion resistance	Excellent			
Heating mode	Electrothermal Component			
Non-stop working time (hrs)	>48			
Heating area (LxW cm)	36x27			
Dimensions (LxWxH cm)	37x27x19	36x35x16	36x35x16	36x35x16
Weight (Kg)	20			
Power supply voltage	230V 50/60Hz			
Ordering information	LH2101	LH2110	LH2130	LH2120

## LATEST MODELS

### ► R Line

#### *Wireless remote control*

- 2.4 GHz wireless operation controller

#### *Real-time monitoring system*

- Temperature check and adjustment can be conveniently done by remote controller



### ► S Line

#### *Programmable heating*

- Programmable multipoint heating process with up to 10 steps

#### *Method saving*

- Methods can be easily saved and selected

#### *Dual temperature sensor design*

- Built-in sensor for temperature control of heating plate
- External temperature sensor (PT100) to verify the accuracy of sample temperature (optional)



## MAIN APPLICATIONS

■ Biology

■ Pharmacy

■ Geology

■ Environment

■ Water

■ Food and Feed

# LABTECH EG SERIES HOTPLATES

## ► EG Series

- Extra large heating surface
- Fast and uniform heating
- Microprocessor control
- Separate controller
- Special corrosion-resistant material
- Compact design



	EG20APLUS	EG20B	EG35APLUS	EG35B
Heating power (W)	3000			
Temperature control mode	Switch (LED)	Switch (LED)	Switch (LED)	P.I.D. (LCD)
Temperature range (°C)	Ambient ~ 200	Ambient ~ 200	Ambient ~ 350	Ambient ~ 350
Temperature accuracy (°C)	±5.0	±2.0	±5.0	±2.0
Heating surface material	Aluminum Alloy with PTFE Coating	Aluminum Alloy with PTFE Coating	Stainless Steel	Stainless Steel
Corrosion resistance	Excellent	Excellent	Good	Good
Heating mode	Electrothermal Component			
Non-stop working time (hrs)	>48			
Heating area (LxW cm)	60x40			
Dimensions (LxWxH cm)	60x40x11			
Weight (Kg)	30			
Power supply voltage	230V 50/60Hz			
Ordering information	LH2061	LH2070	LH2081	LH2090

	EG37APLUS	EG37B	EG37C
Heating power (W)	3200		
Temperature control mode	Switch (LED)	P.I.D. (LCD)	P.I.D. (LCD)
Temperature range (°C)	Ambient ~ 370	Ambient ~ 370	Ambient ~ 370
Temperature accuracy (°C)	±5.0	±2.0	±2.0
Heating surface material	Graphite	Graphite	Graphite with PTFE Coating
Corrosion resistance	Excellent		
Heating mode	Electrothermal Component		
Non-stop working time (hrs)	>48		
Heating area (LxW cm)	54x36		
Dimensions (LxWxH cm)	54x36x19		
Weight (Kg)	33		
Power supply voltage	230V 50/60Hz		
Ordering information	LH2201	LH2210	LH2211

# LabTech

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LabTech is a leading manufacturing company with skill and passion devoted to provide advanced laboratory solutions to the analytical community. We are located in Sorisole, northern Italy, with facilities in USA and China. Incorporated with global branches, LabTech is organized into R&D, production, marketing & sales and customer support. Major LabTech products include organic/inorganic sample preparation systems, laboratory cooling/heating/temperature control equipments, analytical instruments, gas generators, laboratory centrifuges and liquid nitrogen generators. With knowledgeable scientists and experienced engineers, our R&D team has developed and released a series of new lab equipments and instruments dedicated to the modern analytical laboratories. With all of these accomplishments and our endless research and development efforts, we are proud to be your professional partner.



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