



# BECELEC Electric Laboratory Burner

3 Pin, +37°C to +720°C

## BECELEC Electric Laboratory Burner, 3 Pin, +37°C to +720°C

BECELEC's Electric Burner provides laboratories with a unique and safe alternative to conventional Bunsen burners.

This high-powered heater, combined with a reflective internal stainless-steel bowl, generates a concentrated stream of heat that rivals the performance of traditional gas-powered burners.

The electric burner is designed to be a safer option compared to its gas counterparts. It features a temperature range from +37°C to +720°C and a heating area with a 130mm diameter. Additionally, it includes an LED safety indicator to enhance user safety and convenience.



### Product Features

- Reduces Open Flame Risks Compared With Gas Burners
- LED Safety Indicator Alerts Users to Operational Status
- Delivers Consistent Heat With A High-Powered Heater
- Versatile Temperature Range of +37° to +720°C
- 130mm Heating Area for Larger Volumes

### Product Specifications

Type	Electric Burner
Digital Display	No
Heating Area Diameter	130mm
Temperature Range	+37°C to +720°C
Environment	For indoor use only.

### Safety Information

Safety Indicator	Yes, LED Light
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**Original Date of Release:**  
06/12/2021

**Revision Date:**  
26/09/2024

**Revision:** 2

**Westlab Pty. Ltd.**  
4 Cargo Way, Mitchell Park,  
Vic 3355, Australia

## Electrical Information

Voltage	230 V Single Phase, Earth 50/60 Hz
Power	500 Watt
Safety Fuse Rating	T 3.1A L 250 V
User Classification	II
Power Adaptor	3 Pin, Australian Type

## General Information

Unit Dimensions	310mm W x 200mm D x 110mm H
Net Weight	1.7 kg
Country of Origin	United Kingdom

## Supplied Accessories

- Reflective Internal Stainless-Steel Bowl
- Australian Type 3 Pin Power Adaptor
- Wire Safety Guard
- Retort Stand
- Bosshead
- Clamp

## Optional Accessories

Code	0107UK	
Description	Flame Gel for Burners	
Country of Origin	United Kingdom	
Quantity	1 Litre	

Code	B24-13864-023
Description	BECELEC Heating Element for BECELEC II Burner
Country of Origin	United Kingdom
Quantity	1 Piece

## Questions & Answers

### How should I heat borosilicate test tubes using the Becelec burner?

When heating borosilicate test tubes with the BECELEC burner, you do not need to shake them as you would with a conventional Bunsen burner. For optimal heating, hold the test tube still using a suitable holder, positioning it over the centre of the burner. Once the liquid begins to boil, gently move the test tube from side to side. If you need to prevent boiling over, you can move the test tube slightly away from the centre to reduce the heat.

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## Storage & Handling Information

It is recommended to store the burner in a cool, dry place, away from direct sunlight. Exposure to direct sunlight can potentially compromise the integrity and quality of stored items.

Maintaining a cool and dry storage environment helps prevent adverse effects such as degradation, overheating, or other forms of damage.

## Ordering Information

SKU	Description
612-014	BECELEC Electric Laboratory Burner, 3 Pin



### Australia

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