

## **Precise High Temp. Oven 50L / 500°C : 2500 W**

**BGD 827-2**

### **Product Description**

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BGD 827/2 Precise Oven 50L / 500°C

BGD Series Precise Ovens with forced convection focused on addressing the requirements involved in drying or heating samples. With high quality and reliability, high cost performance, outstanding temperature accuracy, our ovens have become the first option for many laboratories.



### **Technical Specification**

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- Power Supply: 380V - 50Hz
- Temperature Range: RT+10-500°C
- Power: 2500W
- Volume: 50L
- Interior Dimensions (DxWxH): 350x350x400 mm
- Overall Dimensions (DxWxH): 540x660x615 mm
- Shelves: 2 pcs
- Temperature Stability:  $\pm 1^{\circ}\text{C}$
- Temperature Control:  $0.1^{\circ}\text{C}$
- Timing Range: 1-9,999 minutes

Interior of oven is made of special stainless steel by argon-arc-welding technology, and the exterior of oven is made of high quality steel sheet with a beautiful and novel appearance.

Microprocessor PID temperature controller with temperature control protection, digits display and timing function ensures a precise and reliable temperature control. Intelligent programmable LCD temperature controller is an option. Hot-air circulating system consists of a fan keeping running under a high temperature and proper air ducts to ensure a uniform distribution a high temperature in chamber

Optional: Independent alarm system for temperature-limiting ensures experiments run safely and no accident would happen. Recorder and printer are options which can print or record set parameters and trace variation curves of temperature.

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### Main Technical Parameters

| Technical Item →<br>Model ↓ | Voltage   | Temperature Range °C | Power | Volume | Interior Dimension (mm) WxDxH | Overall Dimension (mm) WxDxH | Shelves |
|-----------------------------|-----------|----------------------|-------|--------|-------------------------------|------------------------------|---------|
| <b>BGD 802</b>              | 220V 50Hz | RT±10-250            | 850W  | 30L    | 340×320×320                   | 620×530×490                  | 2 pcs   |
| <b>BGD 804</b>              | 220V 50Hz | RT±10-300            | 850W  | 30L    | 340×320×320                   | 620×530×490                  | 2 pcs   |
| <b>BGD 806</b>              | 220V 50Hz | RT±10-300            | 1100W | 50L    | 420×395×350                   | 720×590×520                  | 2 pcs   |
| <b>BGD 808</b>              | 220V 50Hz | RT+10-250            | 1550W | 80L    | 450×400×450                   | 740×618×630                  | 2 pcs   |
| <b>BGD 810</b>              | 220V 50Hz | RT±10-300            | 1550W | 80L    | 450×400×450                   | 740×618×630                  | 2 pcs   |
| <b>BGD 812</b>              | 220V 50Hz | RT+10-250            | 2050W | 136L   | 550×450×550                   | 840×670×730                  | 2 pcs   |
| <b>BGD 814</b>              | 220V 50Hz | RT±10-300            | 2050W | 136L   | 550×450×550                   | 840×670×730                  | 2 pcs   |
| <b>BGD 816</b>              | 220V 50Hz | RT+10-250            | 2450W | 220L   | 600×500×750                   | 880×720×930                  | 2 pcs   |

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|                  |           |           |       |      |              |              |       |
|------------------|-----------|-----------|-------|------|--------------|--------------|-------|
| <b>BGD 818</b>   | 220V 50Hz | RT±10-300 | 2450W | 220L | 600×500×750  | 880×720×930  | 2 pcs |
| <b>BGD 820</b>   | 380V 50Hz | RT+10-250 | 3100W | 420L | 640×585×1355 | 780×750×1880 | 2 pcs |
| <b>BGD 822</b>   | 380V 50Hz | RT+10-300 | 3100W | 420L | 640×585×1355 | 780×750×1880 | 2 pcs |
| <b>BGD 824</b>   | 380V 50Hz | RT+10-250 | 4000W | 620L | 840×600×1355 | 980×800×1880 | 3 pcs |
| <b>BGD 826</b>   | 380V 50Hz | RT±10-300 | 4000W | 620L | 840×600×1355 | 980×800×1880 | 3 pcs |
| <b>BGD 827/1</b> | 220V 50Hz | RT±10-400 | 2500W | 50L  | 350×350×400  | 950×660×615  | 2 pcs |
| <b>BGD 827/2</b> | 380V 50Hz | RT±10-400 | 2500W | 50L  | 350×350×400  | 540×660×615  | 2 pcs |
| <b>BGD 828/1</b> | 380V 50Hz | RT±10-400 | 3000W | 100L | 450×450×450  | 620×745×645  | 2 pcs |
| <b>BGD 828/2</b> | 380V 50Hz | RT±10-500 | 3000W | 100L | 450×450×450  | 620×745×645  | 2 pcs |
| <b>BGD 829/1</b> | 380V 50Hz | RT±10-400 | 3500W | 220L | 600×600×600  | 620×750×750  | 2 pcs |

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|                      |           |           |       |      |             |             |       |
|----------------------|-----------|-----------|-------|------|-------------|-------------|-------|
| <b>BGD<br/>829/2</b> | 380V 50Hz | RT±10-500 | 3500W | 220L | 600x600x600 | 650x750x750 | 2 pcs |
|----------------------|-----------|-----------|-------|------|-------------|-------------|-------|

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**Disclaimer**

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development