

## Dry Bath Incubator

### LDB Series



LDB-10 & LDB-10C



LDB-15

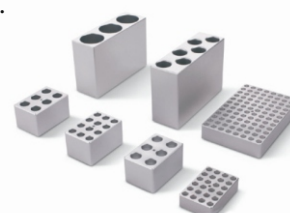
#### SALIENT FEATURES:

- Models Available:  
LDB-10 – Heating only  
LDB-10C – Heating & Cooling  
LDB-15 – Heating, Cooling & Shaking
- Microprocessor Controlled for high precision and stable performance
- LCD Display with Touch Keypad for intuitive operation
- Programmable: Up to 5 groups with 5 temperature points, run independently or in sequence
- Timing Range: 0 to 99 hours 59 minutes
- Fast heating/cooling rate
- Built-in Over-Temperature Protection
- Brushless DC Motor ensures long service life and quiet operation
- Compact & Reliable for continuous lab use
- Timer allows the user to accurately monitor the heating time

Our Dry Bath Incubators are precision-engineered, microprocessor-controlled devices designed for efficient and accurate temperature control using advanced thermoelectric technology.

Ideal for molecular biology, clinical, and analytical labs, they support a range of applications including DNA amplification, enzyme reactions, pre-electrophoresis denaturation, and sample preservation.

Our multiple combination of different size of interchangeable blocks allows for maximum tube size versatility during experimental procedure for a variety application needs.



For list of all separately available blocks, please see next page.

### **SPECIFICATIONS:**

| Model                     | LDB-10                       | LDB-10C                      | LDB-15                       |
|---------------------------|------------------------------|------------------------------|------------------------------|
| Make                      | LABWAN                       | LABWAN                       | LABWAN                       |
| Temperature Range         | RT+5 to 105°C                | RT-20 to 105°C               | RT-20 to 105°C               |
| Temp. Control Accuracy    | $\leq \pm 0.5^\circ\text{C}$ | $\leq \pm 0.5^\circ\text{C}$ | $\leq \pm 0.5^\circ\text{C}$ |
| Temp. Resolution          | 0.1°C                        | 0.1°C                        | 0.1°C                        |
| Temp. Uniformity of Block | $\leq \pm 0.3^\circ\text{C}$ | $\leq \pm 0.3^\circ\text{C}$ | $\leq \pm 0.3^\circ\text{C}$ |
| Timing Range              | 1 min to 99h 59 min          | 1 min to 99h 59 min          | 1 min to 99h 59 min          |
| Heating Rate              | $\leq 15$ min (20 to 105°C)  | $\leq 15$ min (20 to 105°C)  | $\leq 15$ min (20 to 105°C)  |
| Cooling Rate              | -                            | $\leq 15$ min (100 to 20°C)  | $\leq 15$ min (100 to 20°C)  |
| Shaking                   | -                            | -                            | 200 to 1500 RPM              |
| Orbital Diameter          | -                            | -                            | 3mm                          |
| Display                   | LCD                          | LCD                          | LCD                          |
| Programs                  | 9 programs                   | 9 programs                   | 9 programs                   |
| Standard Block            | 35 x 2ml                     | 35 x 2ml                     | 35 x 2ml                     |
| Power                     | 150 W                        | 150 W                        | 150 W                        |
| Power Supply              | AC 220V / 50 Hz              | AC 220V / 50 Hz              | AC 220V / 50 Hz              |
| Dimensions                | 120 x 170 x 160 mm           | 120 x 170 x 160 mm           | 120 x 170 x 160 mm           |
| Weight                    | 2.2 kg                       | 2.2 kg                       | 2.2 kg                       |

### **STANDARD**

- Adapter
- Standard Block - 35 x 2ml

### **ACCESSORIES:**

- Instruction Manual

The following interchangeable blocks are available separately:

|                                                                                                               |                                                                                                               |                                                                                                             |                                                                                                              |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <br>DB-9602<br>96 x 0.2 ml | <br>DB-4805<br>48 x 0.5 ml | <br>DB-352<br>35 x 2 ml  | <br>DB-245<br>24 x 5 ml |
| <br>DB-1215<br>12 x 15 ml  |                                                                                                               | <br>DB-650<br>6 x 50 ml |                                                                                                              |