

# Desktop Constant-temperature Drying Oven

# Desktop Constant-temperature Incubator

☉ Light natural convection drying oven / incubator.

## Characteristics:

- In the workroom, the hot air is convective naturally and cyclically.
- Digital display microcomputer intelligent PID temperature controller.
- New anti-hot handle.



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## Main Technical Parameters:

| Model                |                               | ECTL25A/ECTL25AB                                                                                                       | ECT-25A/ECT-25AB |
|----------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------|
| Cycle Mode           |                               | Natural convection                                                                                                     |                  |
| Function             | Temp. Range                   | RT+10~300℃                                                                                                             | RT+5~65℃         |
|                      | Temp. Resolution Ratio        | 0.1℃                                                                                                                   |                  |
|                      | Temp. Motion                  | ± 1℃                                                                                                                   | ± 0.5℃           |
|                      | Temp. Uniformity              | ± 3.5%                                                                                                                 | ± 2.0℃           |
| Structure            | Inner Chamber                 | B model: mirror stainless steel; without B model: High strength galvanized sheet                                       |                  |
|                      | Outer Shell                   | cold rolling steel electrostatic spraying exterior                                                                     |                  |
|                      | Insulation Layer              | High quality rock wool board(with CE)                                                                                  |                  |
|                      | Heater                        | Nickel chromium alloy heating wire                                                                                     |                  |
|                      | Power Rating                  | 0.6kW                                                                                                                  | 0.18kW           |
|                      | Exhaust Hole                  | φ 35mm top (with function of test hole)                                                                                |                  |
| Controller           | Temp. Control Mode            | Two temperature section intelligent PID                                                                                |                  |
|                      | Temp. Set Mode                | Touch button setting                                                                                                   |                  |
|                      | Temp. Display Mode            | Measuring temperature: display on upper row;<br>Setting temperature:display on the lower row                           |                  |
|                      | Timer                         | 0~9999min(with timing wait function)                                                                                   |                  |
|                      | Operation Function            | fixed temperature operation, timing function, auto stop                                                                |                  |
|                      | Additional Function           | Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory |                  |
|                      | Sensor                        | PT100                                                                                                                  |                  |
| Safety Device        |                               | over temperature sound-light alarm                                                                                     |                  |
| Specification        | Inner Chamber Size(W*L*H)(mm) | 260*260*260                                                                                                            |                  |
|                      | Exterior Size (W*L*H)(mm)     | 380*455*568                                                                                                            |                  |
|                      | Packing Size (W*L*H)(mm)      | 515*480*640                                                                                                            |                  |
|                      | Volume                        | 18L                                                                                                                    |                  |
|                      | Shelf Number                  | 6                                                                                                                      |                  |
|                      | Load Per Rack                 | 15kg                                                                                                                   |                  |
|                      | Shelf Space                   | 29mm                                                                                                                   |                  |
|                      | (50/60HZ)Current Rating       | AC220V/2.7A                                                                                                            | AC220V/0.8A      |
|                      | NW/GW (kg)                    | 27/35                                                                                                                  |                  |
| Accessory            | Shelf                         | 2                                                                                                                      |                  |
| Optional Accessories |                               | Shelf                                                                                                                  |                  |