

# OVENS & INCUBATORS



Modern high-class laboratories recommend to use ,suitable culture temperature environment with higher requirements for users

Apply to such as cultivation of microorganisms industries, the necessary equipment for healthcare, biotechnology, agriculture and scientific experiments.

- Precision LCD microcomputer intelligent PID control system, with temperature control, timing and over-temperature alarm, with RS485 computer interface;
- With standard international brands cooling fan, maintenance-free, durability. Perfect combination of duct design to ensure temperature uniformity for the working chamber;
- Mirror stainless steel inner, anti-acid, anti-corrosion characteristics. Corners semicircular is easy to clean, up and down pitch adjustable shelf;
- Electric film heating elements made of carbon fiber ,with advanced cavity preheating, the cavity temperature to reduce temperature fluctuations.
- Portable integrated data printer
- intelligent programmable temperature controller
- independent limit of the temperature controller
- Microcomputer communications software

| Model                          | IP-1050                                             |           | IP-1080     |           | IP-1160     |           |
|--------------------------------|-----------------------------------------------------|-----------|-------------|-----------|-------------|-----------|
| Interior Volume (L)            | 50                                                  |           | 80          |           | 160         |           |
| Interior Volume (Cubic feet)   | 1.6                                                 |           | 2.8         |           | 5.6         |           |
| Convection Mode                | Forced Convection                                   |           |             |           |             |           |
| Control System                 | Microprocessor PID                                  |           |             |           |             |           |
| Temp. Range ???                | RT+3? ~ 65?                                         |           |             |           |             |           |
| Temp. Accuracy???              | ±0.1?                                               |           |             |           |             |           |
| Temp. Fluctuation ???          | ±0.5?in the of range 3?50??                         |           |             |           |             |           |
| Temp. Uniformity               | 1%?in the of range 3?50??                           |           |             |           |             |           |
| Internal Dimensions (H×W×D) mm | 380*380*350                                         |           | 480*480*350 |           | 600*600*450 |           |
| External Dimensions (H×W×D) mm | 580*530*600                                         |           | 680*630*600 |           | 800*750*700 |           |
| Timer Range                    | 0?999min                                            |           |             |           |             |           |
| Working environment            | Ambient temperature?10~30?, Humidity<70%            |           |             |           |             |           |
| Insulation materials           | High Quality environmental protection type material |           |             |           |             |           |
| Interior steel materials       | SUS304 stainless steel inner                        |           |             |           |             |           |
| The number of standard tray    | 2                                                   |           |             |           |             |           |
| Power?W?                       | 0.3                                                 |           | 0.3         |           | 0.45        |           |
| Net weight (KG)                | 31                                                  |           | 42          |           | 57          |           |
| Shipping weight(KG)            | 34                                                  |           | 45          |           | 61          |           |
| Packing size?mm?<br>?H×W×D?    | 700*610*680                                         |           | 800*710*680 |           | 920*830*780 |           |
| Electrical Requirements        | 110V/60Hz                                           | 220V/50Hz | 110V/60Hz   | 220V/50Hz | 110V/60Hz   | 220V/50Hz |
| Catalogue Number               |                                                     |           |             |           |             |           |

