

**Incubator Desktop/compact type****IC101/101W**

| Operating temp. range    | Temp. distribution accuracy  | Internal capacity |
|--------------------------|--|-------------------|
| Room temp.+5 to 60 deg.C | +/-1.0 deg.C (100 type)<br>+/-1.5 deg.C (100W type)<br>(at 37 deg.C) | 37L               |

**Desktop incubator that improves visibility with a large observation window.**



IC101 / IC101W

- A space saving type with minimum jacket thickness.
- The operation panel installed at a higher position allows the user to operate the unit easily without having to crouch down.
- The product facilitates an easy to use digital setting display, useful timer function, and the calibration offset function.
- The IC101W type employs a large observation window with improved visibility. In addition the slide type bed (optional) for the shaker allows easy installation of the micro shaker or setting/taking out specimens. There are also a cable port and a service outlet on the rear panel.

## ■ Specifications

|                             |  |                                  |
|-----------------------------|--|----------------------------------|
| Product code                | 211130   | 211139                           |
| Model                       | <b>IC101</b>   | <b>IC101W</b>                    |
| System                      | Internal bath wall heating, natural convection system  |                                  |
| <b>Performance*1</b>        |  |                                  |
| Operating temp. range       | Room temp.+5 to 60 deg.C   |                                  |
| Temp. adjustment accuracy   | +/-0.5 deg.C (at 37 deg.C)   |                                  |
| Temp. distribution accuracy | +/-1 deg.C (at 37 deg.C)   | +/-1.5 deg.C (at 37 deg.C)       |
| Time to attain max. Temp.   | Approx. 40 min.  |                                  |
| <b>Configuration</b>        |  |                                  |
| Interior material           | Stainless steel plate  |                                  |
| External material           | Electro galvanized steel, melamine coated  |                                  |
| Door                        | Flat integrated door, magnet locked  |                                  |
| Observation window          | -  | 290 x 240 (W x H) Double-glazing |
| Heater                      | 100W   |                                  |
| Service outlet              | Not equipped   | With ground terminal 2A          |
| <b>Controller</b>           |  |                                  |
| Temperature control system  | PID control with a micro computer  |                                  |
| Temperature setting system  | Digital setting  |                                  |
| Temperature display system  | Digital display  |                                  |
| Operation functions         | Fixed operation, auto stop, quick auto stop, auto start  |                                  |
| Timer                       | 0 min to 999 hrs 50 min  |                                  |
| Timer resolution            | One min  |                                  |
| Temperature sensor          | K-thermocouple   |                                  |
| <b>Function</b>             |  |                                  |
| Safety functions            | Self diagnostic function (Temp. sensor error, heater disconnection, internal memory error), circuit breaker that has the main switch function, automatic overheat prevention function, key lock function |                                  |
| <b>Standards</b>            |  |                                  |
| Chamber internal dimensions | 350 x 300 x 360 mm   |                                  |
| External dimensions*2       | 412 x 380 x 520 mm   |                                  |
| Internal capacity           | Approx. 37L  |                                  |
| Power source                | AC100V 1.1A 50/60 Hz   | AC100V 3.1A 50/60 Hz*3           |
| Weight                      | Approx. 16 kg  | Approx. 17kg                     |
| <b>Accessory</b>            |  |                                  |
| Accessories                 | Shelf x 2  |                                  |

\*1 Condition: Temperature and humidity 23 deg.C+/-5 deg.C; 65%RH +/-20%

\*2 External dimensions do not include protrusions.

\*3 When the service outlet is used at up to 2A.

### ■ Control panel



### ■ Optional items

| Description                           | Model No.  | Product Code |
|---------------------------------------|------------|--------------|
| Shaker bed with a slide rail (IC101W) | IC101/101W | 211191       |
| Shelves set                           | IC101/101W | 211192       |
| Stacking clamps                       | IC101/101W | 211855       |
| Inner door                            | IC101/101W | 211200       |

### ■ Dimensional drawing (mm)

