

Eco-type Forced-air Incubators, **“ThermoStable™ EIF”**, 50-/105-/155- Lit, to 70°C, ±0.3°C **NEW**
with Digital Fuzzy Control/FND-display, Included 2×Shelves, and Certi. Traceable



2-Year Warranty

**“ThermoStable™ EIF-105”
105 Lit. Eco-type Forced-air Incubator**

- **CE Certified**
- **PL(Product Liability) Insurance**
- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **Optimized Air Flow by Forced-air Mechanism**

- * Variable Application : Microorganism Culture, Animal & Plant Cell Culture, Constant Temperature, Germination, and so on
- * Digital Fuzzy Control System Implementing Superior Temperature Accuracy
- * Display : Seven-segments FND
- * Ambient to 70°C of Temp. Range, Accuracy of ±0.3°C at 37°C
- * Corrosion Resistant 304 Stainless-steel Chamber and PE-coated Steel Shelves
- * Over Temperature & Over Current Protection, Sensor Error Detection
- * Alarm Function : Error status and Timer-end
- * Storage Function of Temperature and Timer Setting Values
- * Locking Mode Supported for Experimental Safety

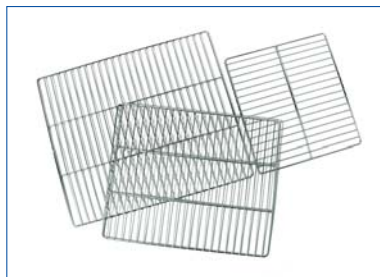
Specifications & Ordering information

| Spec. | Models | ThermoStable EIF-50 | ThermoStable EIF-105 | ThermoStable EIF-155 |
|----------------------------------|---------------|---|-------------------------------------|--------------------------|
| Capacity | | 50 Lit. | 105 Lit. | 155 Lit. |
| Circulation-type | | Forced-air Type | | |
| Temp. Range & Accuracy | | Room Temp, +5°C ~ 70°C, ± 0.3°C at 37°C | | |
| Temp. Uniformity & Sensor | | ±0.5°C at 37°C, ±0.9°C at 50°C, PT100 Sensor | | |
| Heat-up Time | | 15 min. to 37 °C, 30 min. to 50 °C | | |
| Recovery Time (Door open 30sec) | | 5 min. to 37 °C 8 min. to 50 °C | 8 min. to 37 °C 10 min. to 50 °C | |
| Timer & Alarm | | 99hr 59min (with delay / Continuous run.), Error status & Timer-end | | |
| Display | | Seven-segments FND | | |
| Controller | | Digital Fuzzy Controller | | |
| Inner Door | | with 1ea of Inner Tempered Glass Door | | |
| Shelves | | Included 2ea of Polyethylene coated Steel Wire Shelves | | |
| Permitted Total Load | | Total Load 32 kg (16kg×2 Shelves) | | |
| Ventilation Hole | | 1ea of Ventilation hole(id. φ40mm) with Stainless Steel Cap | | |
| Safety Circuit | | Over Temp. and Over Current Protector, Sensor Error Detector | | |
| Material | | Internal : Stainless-steel(# 304), External : Powder Coated-steel | | |
| Dimension (w×d×h) | Interior (mm) | 370×350×420 | 485×410×535 | 550×475×600 |
| | Exterior (mm) | 523×642×642 | 640×700×740 | 705×765×805 |
| Net Weight | | 45 kg | 57 kg | 80 kg |
| Packing Size (mm) & Gross Weight | | 719×586×h840, 52 kg | 710×762×h970, 70 kg | 780×826×h1,030, 87 kg |
| Power Consumption | | 400 W | 500 W | 600 W |
| Electrical Reqts. | | 1 Phase, AC 230 V, 50 / 60 Hz or AC 120 V, 60 Hz | | |
| Cat. No. | 230V | DH.EIF03050 | DH.EIF03105 | DH.EIF03155 |
| | 120V | DH.EIF04050 | DH.EIF04105 | DH.EIF04155 |

* Other Specifications are available upon Customer's Request.



**(1) PE-coated Steel Wire Shelves
: included/Standard**



**(2) Stainless-steel Wire Shelves
: Option**

(1) Spare PE-coated Steel Wire Shelves

- DH.WIG11050 Wire Shelf, Polyethylene-coated Steel, with 2 Brackets, for 50 Lit, “IGS050”, w340×d310mm
- DH.WIG11105 Wire Shelf, Polyethylene-coated Steel, with 2 Brackets, for 105 Lit, “IGS105”, w455×d375mm
- DH.WIG11155 Wire Shelf, Polyethylene-coated Steel, with 2 Brackets, for 155 Lit, “IGS155”, w520×d440mm

(2) Optional Stainless-steel Wire Shelves

- DH.WON11050 Wire Shelf, Stainless-steel, with 2 Brackets, for 50 Lit, “ONS050”, w340×d310mm
- DH.WON11105 Wire Shelf, Stainless-steel, with 2 Brackets, for 105 Lit, “ONS105”, w455×d375mm
- DH.WON11155 Wire Shelf, Stainless-steel, with 2 Brackets, for 155 Lit./305Lit, “ONS155”, w520×d440mm