

Laboratory Drying Ovens, Constant Temperature DY300/400/600



DY400/600

- Fixed temp. operation, Auto stop operation are available Electric leakage breaker with over current protection, individual overheating prevention function are equipped.

■ Specifications

| Model | DY300 | DY400 | DY600 |
|--------------------------------|---|-----------------|------------------|
| Performance | | | |
| Circulation method | Natural convection | | |
| Operating temperature range | Room temp. +5 to 280deg.C | | |
| Temp. control accuracy | ±1deg.C (at 280deg.C) | | |
| Temp. distribution accuracy | ±10deg.C (at 280 deg.C) | | |
| Max. temp. reaching time | Approx. 45 min. | Approx. 70 min. | Approx. 120 min. |
| Components | | | |
| Interior material | Stainless steel | | |
| Exterior material | Chemical resistance baked | | |
| Iron chrome wire heater | 0.9kw | | 1.36kw |
| Exhaust port | I.D. 33mm x 2 pcs (top side) | | |
| Controller | | | |
| Temp. controller | PID control by microprocessor | | |
| Temp. setting method | Digital setting | | |
| Temp display method | Digital display | | |
| Timer | 1 min. to 9999 min. | | |
| Operation function | Fixed temperature operation, Auto stop | | |
| Sensor | Pt100 | | |
| Safe Device | | | |
| Safety countermeasures | Self diagnosis functions(Temp. Sensor abnormal), Overheat prevention, Electric leakage breaker with over current protection | | |
| Standard | | | |
| Internal dimensions (W×D×Hmm) | 300×310×300 | 450×410×400 | 600×510×500 |
| External dimensions(W×D×Hmm) | 400×440×622 | 550×540×722 | 700×640×822 |
| Internal capacity | 28 liters | 74 liters | 153 liters |
| Shelf plate with standard load | Approx. 15 kg/piece | | |
| Shelf rest step number | 6 steps | 9 steps | 12 steps |
| Shelf rest pitch | 35 mm | | |
| Power source 50/60Hz | AC100V 9.5A | | AC100V 14A |
| Weight | Approx. 23 kg | Approx. 38 kg | Approx. 56 kg |
| Accessories | | | |
| Shelf plate | Stainless punching metal shelf, 2 pcs. | | |
| Shelf support | 4 pcs. | | |

*The performance shown here is the value under the condition of the ambient temperature of 23deg.C±5deg.C, humidity of 65%RH±20%.

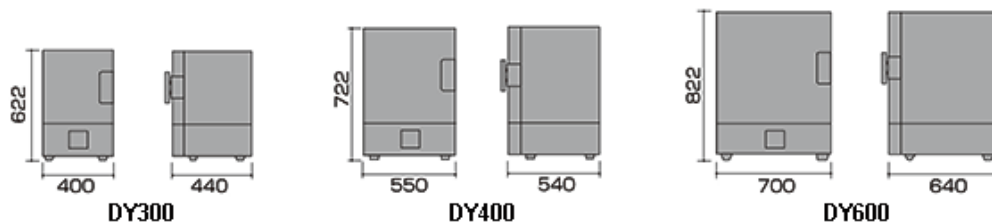
*The projection is not included for Internal dimensions and External dimensions.

Standard type.of Natural convection ovens.

The DY series represents a standard type of natural convection constant temperature drying ovens.

| Model | | |
|---------------------------------|-----|-----|
| 300 | 400 | 600 |
| Operating Temperature Range | | |
| Room temp. +5deg.C to 280 deg.C | | |
| Temp. Distribution Accuracy | | |
| ±1deg.C(at 280deg.C) | | |
| Internal Capacity (L) | | |
| 28 | 74 | 153 |

■ Dimensional Drawing (mm)



■ Optional items

| Description | Model No. | Product Code |
|----------------------|-----------|--------------|
| Stand | DY300 | 212801 |
| Stand | DY400/600 | 212802 |
| Stacking support | DY300 | 212803 |
| Stacking support | DY400 | 212804 |
| Stacking support | DY600 | 212805 |
| Shelf (with support) | DY300 | 212068 |
| Shelf (with support) | DY400 | 212095 |
| Shelf (with support) | DY600 | 212266 |