# PROGRAMMABLE INTELLIGENT
# DRY CHAMBER

RT / Pro / Ultra 60 / 120 / 260

**RATEL**

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The RT series of self-programmable ovens performs routine drying and sterilisation up to 300℃. Temperature uniformity of ±1.7℃ at 150℃ makes them suitable for high-precision heating/drying applications.

Equipped with over-temperature protection and timer function to ensure safety and reliability.



- Stainless steel inner chamber can be heated from all sides and is corrosion resistant

- Antioxidant, acid and alkali corrosion-resistant aluminium silicate insulation material

- Standard with multi-stage programme control, improve work efficiency

- USB can read historical data records

- Clear segregation of duties, 4 levels of user rights

- Standard with 2 pull-out stainless steel shelves

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**7-inch colour touch screen**
Powerful procedure programming, multi-level user rights management
Complete audit trail, historical data storage and enquiry

**Sub-screen data display**
Linkage with main screen
Real-time display of temperature and programme time

**Visual status lights**
IEC60601 compliant, real-time interface to the controller

**Ergonomic handle**
Unibody construction, grip optimisation

**Minimalist design for the whole machine**
Hidden hinges, no rivets on the exterior
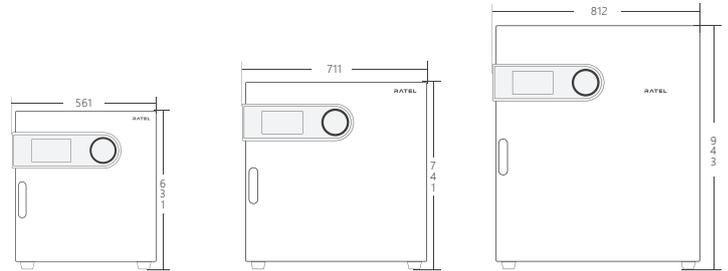No dead space for microorganisms, easy to clean.

| | RT Series | RT Pro Series | RT Ultra Series |
|---|:---:|:---:|:---:|
| Forced convection | ● | ● | ● |
| USB | ● | ● | ● |
| Intelligent programming | | ● | ● |
| Basic user rights management | | ● | ● |
| Multi-level user rights management | | | ● |
| Audit trail | | | ● |

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|  |  | RT/Pro/Ultra 60 | RT/Pro/Ultra120 | RT/Pro/Ultra 260 |
|---|---|---|---|---|
| Size and Weight | Internal volume | 60 L | 116 L | 260 L |
|  | Equipment net weight (unloaded) | 43 kg | 58 kg | 86 kg |
|  | Maximum load per compartment | 32 kg | 33 kg | 42 kg |
|  | Maximum total load | 70 kg | 165 kg | 276 kg |
|  | Enclosure dimensions (W*D*H) | 561*625*631 | 711*665*741 | 812*825*943 |
|  | Internal cavity dimensions (W*D*H) | 400*345*440 | 550*390*550 | 650*515*780 |
|  | Number of partitions (standard/maximum) | 2/6 | 2/6 | 2/9 |
| Temperature performance data | Temperature control range | RT +10 ℃ 至 300 ℃ | RT +10 ℃ 至 300 ℃ | RT +10 ℃ 至 300 ℃ |
|  | Temperature uniformity at 150℃ | ± 1.6 ℃ | ± 1.7 ℃ | ± 1.9 ℃ |
|  | Temperature fluctuation at 150℃ | ± 0.3 ℃ | ± 0.3 ℃ | ± 0.4 ℃ |
|  | Heating time to 150℃ | 13 min | 14 min | 18 min |
|  | Recovery time after opening door for 30 seconds at 150℃ | 5 min | 5 min | 5 min |
| Electrical data | Rated Voltage | 230V | 230V | 230V |
|  | Power supply frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
|  | Rated power | 1.05 Kw | 1.2 Kw | 2.3 Kw |

## Services

| | |
|---|---|
| temperature calibration | User-specified detection temperature at the centre of the active space<br>Available for 9/18/27 space measurement points respectively |
| Maintenance service | One-off maintenance service according to the maintenance plan<br>Visual inspection of mechanical and electrical components Testing of all major functions<br>Calibration at the centre of the active space at a user-specified test temperature, excluding certification |
| validation service | Perform IQ/OQ/PQ based on validation folder |
| warranty service | 12 months from date of installation or 15 months on arrival, except for wearing parts |
| temperature calibration | Test Metrology Certificate |

## Optional accessories

| | | |
|---|---|---|
| control software | PANGU（Standard Edition） | Accommodate up to 128 devices on the network and set up a hierarchy of user rights |
| Number of partitions |  | Optional 2 partitions |
| Junction |  | Optional connector locations and sizes |

Precition Simulation，Real Reflection

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