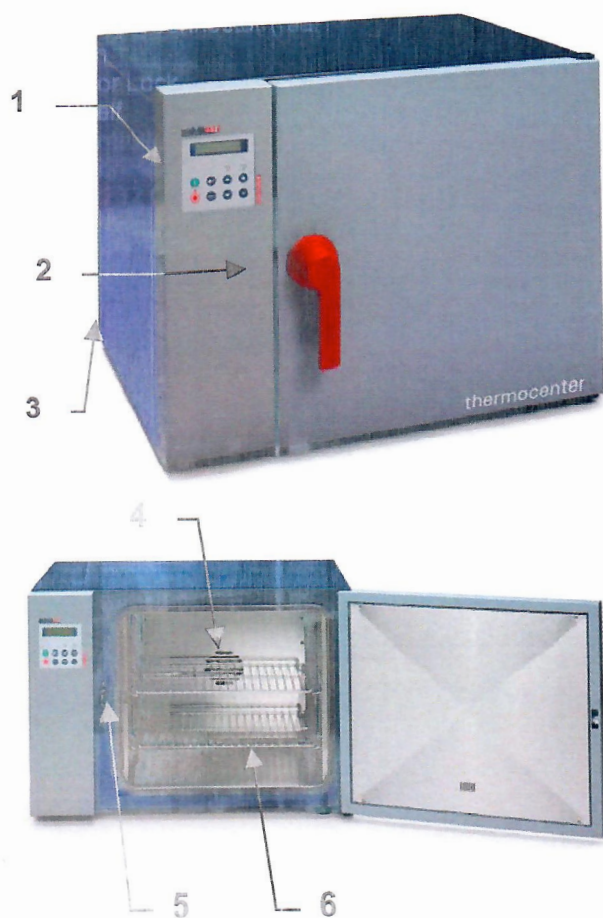


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## System Components

- 1 Controller
- 2 Door Handle
- 3 RS232 Connector (rear)
- 4 Fan
- 5 Door Lock
- 6 Shelf



## Technical Data Sheet

### Technical Data's from the ovens

|                                                    |                | TC 160   | TC 240   | TC 400   |
|----------------------------------------------------|----------------|----------|----------|----------|
| <b>Outer Dimension</b>                             |                |          |          |          |
| Width                                              | mm             | 800      | 890      | 990      |
| Height                                             | mm             | 720      | 820      | 920      |
| Depth                                              | mm             | 680      | 720      | 900      |
| Clearance distance from back wall                  | mm             | 250      | 250      | 250      |
| Clearance distance from side wall                  | mm             | 250      | 250      | 250      |
| <b>Inner Dimension</b>                             |                |          |          |          |
| Width                                              | mm             | 535      | 625      | 725      |
| Height                                             | mm             | 580      | 680      | 780      |
| Depth                                              | mm             | 475      | 515      | 695      |
| Internal Volume                                    | L              | 160      | 240      | 400      |
| Shelf                                              | Stand./max     | 2/8      | 2/9      | 2/9      |
| Max. Load per shelf                                | Kg             | 26       | 20       | 15       |
| Weight (empty)                                     | Kg             | 66       | 78       | 120      |
| Temperature Range approx. 5 °C over Room temp to   | °C             | 260      | 260      | 260      |
| Temperature Variation <sup>1)</sup>                | at 50 °C ± °C  | 0.8      | 0.8      | 1.0      |
| Temperature Variation <sup>1)</sup>                | at 150 °C ± °C | 1.8      | 2.1      | 2.5      |
| Temperature Variation <sup>1)</sup>                | at 250 °C ± °C | 3.0      | 3.5      | 4.0      |
| Temperature fluctuation <sup>2)</sup>              | at 250 °C ± °C | 0.4      | 0.4      | 0.4      |
| Heating up time <sup>3)</sup>                      | to 70°C Min    | 12       | 16       | 20       |
|                                                    | to 150 °C Min  | 30       | 30       | 40       |
|                                                    | to 250 °C Min  | 52       | 60       | 70       |
| Recovering time after 30 sec door opening          | at 150 °C Min  | 6        | 14       | 18       |
| Air changes (exhaust flap open)                    | at 150 °C x/h  | 30       | 24       | 20       |
| Power supply (±10%) 50/60 Hz                       | Volt           | 230/115  | 230/115  | 230/115  |
| Nominal Wattage                                    | Watt           | 1600     | 1800     | 2000     |
| Heat radiation                                     | at 150 °C Watt | 550      | 790      | 1100     |
|                                                    | at 250 °C Watt | 1035     | 1250     | 2120     |
| <b>Equipment</b>                                   |                |          |          |          |
| Microprocessor -Temperature Controller LCD Display |                | Yes      | Yes      | Yes      |
| Timer                                              | Hours / Min.   | 999h 59m | 999h 59m | 999h 59m |
| Adjustable fan speed                               | %              | 60 - 100 | 60 - 100 | 60 - 100 |
| Printer – Communication Interface RS 232           |                | Yes      | Yes      | Yes      |
| Adjustable Print Interval                          |                | Yes      | Yes      | Yes      |
| Programming                                        | Prog./ Step    | 50 / 15  | 50 / 15  | 50 / 15  |
| Ramp function adjustable in steps of               | °C             | 0.1      | 0.1      | 0.1      |

1) Measured with 3 temperature probes on horizontal level / divided in 1/3 of the chamber size

2) maximum temperature deviation in time for one temperature probe

3) to 98% of set temperature

All technical specification are specified for units with standard equipment at an ambient temperature of 25 °C (77 °F) and a voltage fluctuation of ±10 %. The temperature data are determined in accordance to following DIN 12880, part 2 respecting the recommended wall clearances of 10 % of the height, width and depth of the inner chamber. All indications are average values, typical for units produced in series. We reserve the right to alter technical specifications at all times without prior notice.

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## DECLARATION OF CONFORMITY



### Declaration of Conformity

**Wir  
We  
Nous**

**Renggli AG / Salvis-Lab**

(Name des Anbieters) (supplier's name) (nom du fournisseur)

**Birkenstrasse 31, CH-6343 Rotkreuz**

(Anschrift) (address) (adresse)

erklären in alleiniger Verantwortung, dass das Produkt  
declare under our sole responsibility that the product  
déclarons sous notre seule responsabilité que le produit

**Drying Oven**

**TC 160 / 240 / 400**

### Konstruktionsjahr 2002

(Bezeichnung Typ oder Modell, Los-, Chargen- oder Seriennummer, möglichst Herkunft und Stückzahl)  
(name, type or model, lot, batch or serial number, possibly sources and numbers of items)  
(nom, type ou modèle, no de lot, d'échantillon ou de série, éventuellement sources et nombre d'exemplaires)

auf das sich diese Erklärung bezieht, mit der/den folgenden Norm(en) oder normativen Dokument(en)  
übereinstimmt  
to which this declaration relates is in conformity with the following standard(s) or other normative  
document(s)  
auquel se réfère cette déclaration est conforme à la (aux) norme(s) ou autre(s) document(s) normatif(s)

(Titel und/oder Nummer sowie Ausgabedatum der Norm(en) oder der anderen normativen (Dokumente)  
(title and/or number and date of issue of the standard(s) or other normative document(s)  
(titre et/ou no et date de publication de la (des) norme(s) ou autre(s) document(s) normatif(s)

Gemäss den Bestimmungen der Richtlinie(n): following the provisions of Directive(s); conformément  
aux dispositions de(s) Directive(s)  
(falls zutreffend) (if applicable) (le cas échéant)

**73/23/EWG  
EN 60335-1 1988**

**89/336/EWG  
EN 55014**

(Ort und Datum der Ausstellung)  
(Place and date of issue)  
(Lieu et date)

(Name/Unterschrift oder Kennzeichnung des Befugten)  
(name and signature or equivalent marking of authorised person)  
(nom et signature du signataire autorisé)

Rotkreuz, 12.02.2002

Marcel Käppeli  
Technical Manager