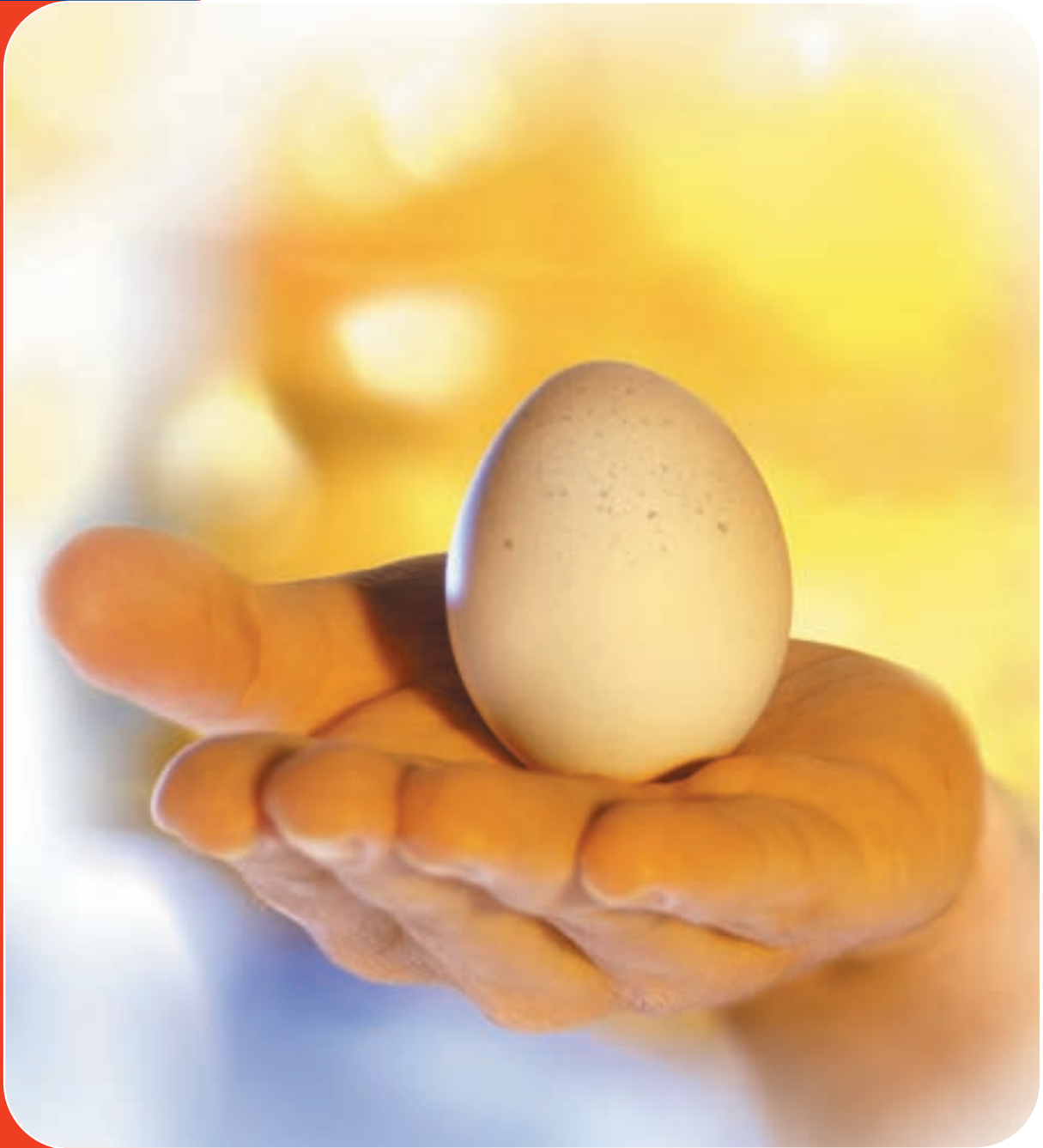


SalvisLab Biocenter Touch – Heating Technology with Swiss Precision



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salvis LAB

SalvisLab Biocenter – This heat awakens life

The controlled atmosphere

The SalvisLab Biocenter is the ideal CO₂ incubator for cell and tissue cultures. The innovative and reliable design concept ensures optimal conditions for your applications. The selected temperature control technology operates without any ventilation inside the chamber, thus reducing the risk of contamination to a minimum. Constant conditions for temperature, CO₂ and humidity are kept independent from the load.



■ Swiss quality and design

SalvisLab Biocenter sets standards in quality and design. The units are manufactured in typical Swiss quality and convince through accuracy, dependability and design.



■ **Safety through cleanliness and 200°C decontamination**

The electropolished stainless steel chamber and the removal of the shelf brackets allows easy cleaning of the inner chamber. In addition, the natural convection reduces the risk of contamination. With the worldwide first high temperature sterilisation process (200°C) is SalvisLab setting a new mark.



■ **Precise conditions**

The interaction of the temperature sensor, IR sensor and software ensures precise operating conditions. In case of any temperature deviation, the independent safety loop takes over.



■ **Everything under control with the SalvisLab EasyMenu Touch**

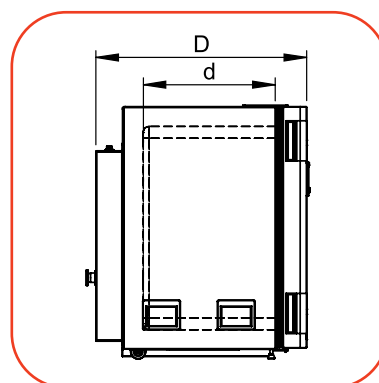
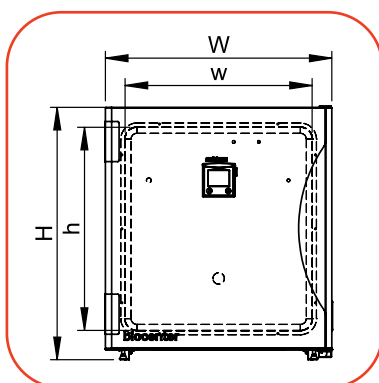
The EasyMenu takes you through the operation of the Biocenter in plain steps. The illuminated touch display keeps you informed of the required process data and graphics during the entire operating cycle.

■ **Programmable safety**

Programming the Biocenter could not be easier. The automatic alarm system may be adapted to the individual needs of the user. The sophisticated software (option) monitors all functions of the Biocenter. All data can be stored over the ethernet port or recorded on the SD card.



Technical Data SalvisLab Biocenter



Biocenter

Outside dimensions (WxHxD) mm

Inside dimensions (wxhxd) mm

Internal volume (l)

Shelves (standard/max.)

Weight Biocenter (empty) kg

Temperature range approx. $> 5^{\circ}\text{C}$ oRt to $(^{\circ}\text{C})$

Temperature variation¹⁾ at 37°C ($\pm^{\circ}\text{C}$)

Temperature fluctuation²⁾ at 37°C ($\pm^{\circ}\text{C}$)

Decontamination cycle at 200°C

CO₂ sensor

CO₂ range (%)

CO₂ variation ($\pm\%$)

CO₂ fluctuation ($\pm\%$)

CO₂ recovery time after 30 sec. door opening (%/min)

CO₂ auto zero

Water pan (l)

Relative humidity at 37°C (%)

Unit stackable

LCD display for temperature

LCD display for CO₂

Alarm contact (POKO)

Ethernet

8 inner glass door

Access port (25 mm)

BC 190

850x765x600

685x630x435

190

4/8

104

60

0.2

0.1

yes

IR sensor (drift-free)

0.2 – 20

0.2

0.2

> 0.7

IR sensor (drift-free)

1.5

≤ 95

optional

yes

yes

yes

yes

optional

yes

¹⁾ measure with 3 temperature probes on horizontal level / divides in 1/3 of the chamber size

²⁾ maximum temperature deviation in time for one temperature probe

³⁾ to 98% of set temperature

We reserve the right to alter technical specifications at any time without prior notice.

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