CellTrans⁺

Qualität – Made in Germany

CO_2 transport incubator for a secure and mobile preservation of biological material

Technical data:

Power supply:
- 100 V - 240 V, 60 W
- 12 V car cable
- Duration with completely charged accumulator:
  - At 2 °C ambient temperature approx. 4 h
  - At 10 °C ambient temperature approx. 6 h
  - At 23 °C ambient temperature approx. 10 h
- Charge time approx. 7 h

Dimensions:
- Exterior: 386 x 251 x 370 (l x w x h in mm)
- Interior: ø 160 mm, height 130 mm, volume approx. 2.6 l
- Empty weight approx. 8.5 kgs

Temperature control:
- Control range 30 °C – 42 °C at 3 °C above room temperature
- Temperature homogeneity ± 0.2 °C
- Temperature stability ± 0.1 °C

CO_2 regulation:
- Control range 0 – 10 % CO_2
- Control accuracy 0.3 % CO_2

CO_2 pressure tank:
- Capacity 0.4 l
- Pressure 8 bar

Classification:
- Safety class I
- Conform to EN 61010

Advantages:

- Can also be used as back up in case of incubator or power outage
- Temperature adjustable between 30 °C and 42 °C
- CO_2 adjustable between 0 % and 10 %
- Reliable humidity system
- Easy handling and cleaning
- Compact Design
- Insert for 16 Falcon tubes of 5 ml and 13 ml each

REF 16529

(Specifications subject to change without notice.)

Product features:

Interior chamber:
- Anodized aluminium
- Insert: Stainless steel

Temperature:
- Over-all heating of lateral surface, bottom and lid of incubation chamber
- Homogeneous temperature distribution

Humidity:
- Via humidifying disc ø 50 mm

CO_2:
- Dual beam infrared sensor
- Measurements independent of temperature and humidity

Recovery times:
- Short recovery times for all adjustable parameters through microprocessor controlled regulation

Easy navigation:
- Menue guided
- Backlid LCD

Interfaces:
- USB interface for data evaluation via PC Software DataVISUAL '19 (in scope of supply)

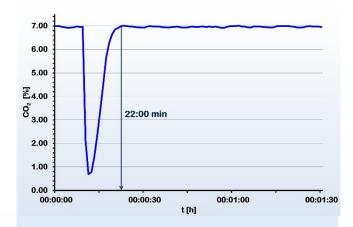 (compatible up to Windows 10)

Diagnostic system:
- Visual and acoustic signal for alarms
- Monitoring of temperature, CO_2, pressure, humidity, battery and lid of interior chamber

Scope of supply:

- Transport incubator CellTrans[+]
- Mains adapter
- Car voltage adapter cable
- Connection hose for CO_2 supply
- Disc for humidification
- USB data cable
- PC software DataVISUAL '19 (on USB stick) for data evaluation
- Insert for 16 Falcon tubes of 5 ml and 13 ml each

Recovery times CO_2 after lid opening:

———— **for 5 seconds with setpoint of 7 % CO_2**

22:00 min

Optional equipment:

• Pressure reducing valve for CO_2 0 – 10 bar | REF | 17441

• Inserts for CellTrans[+]

Insert for up to three shelves for various plates / dishes
| REF | 17662

• Shelves for inserts for CellTrans[+]

Shelf for one microtiter plate for insert REF 17662
| REF | 17540

Shelf for two 4-well dishes for insert REF 17662
| REF | 17554

Shelf for four round dishes (base diameter ~ 5 mm) for insert REF 17662
| REF | 17555

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