



neolab Migge GmbH
Rischerstr. 7-9
69123 Heidelberg
Deutschland
+49 (0)6221 /
8442-44
<https://www.neolab.de>
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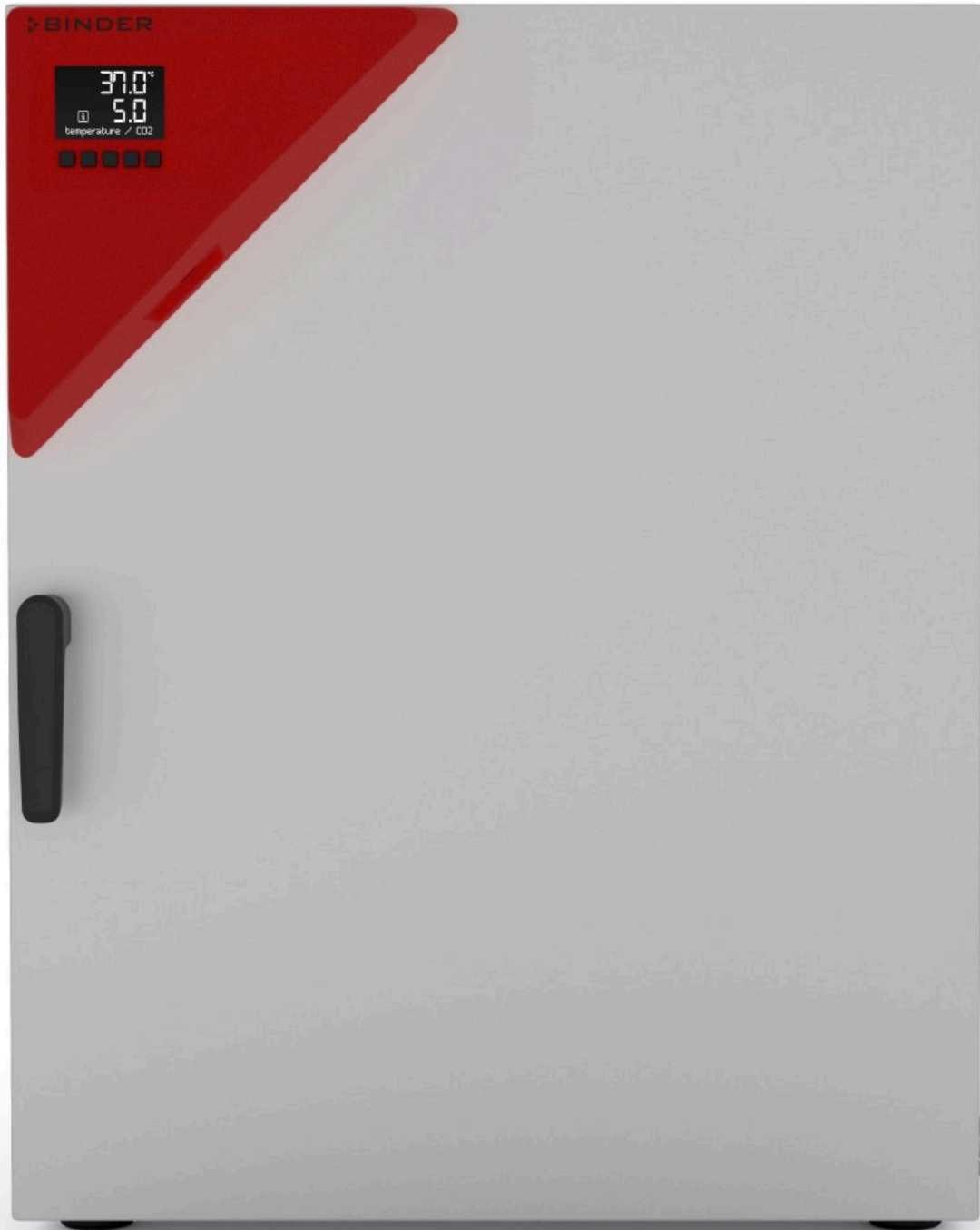
Umsatzsteuer-
Identifikationsnummer
:
DE 143 450 657



Binder CB series – CO₂ incubators with hot air sterilization and heat-sterilizable CO₂ sensor, 170 L

**Price on
request
plus VAT &
Shipping**

Product Images



Description

CB series | CO₂ incubators with hot air sterilization and heat-sterilizable CO₂ sensor

The BINDER CB is suitable for all sensitive incubation tasks and guarantees the best cell growth. This BINDER incubator can also easily cope with complex cultivation approaches or individual growth environments under hypoxic conditions thanks to its extensive range of options and accessories.

Advantages

- Maximum usable space with minimal footprint and good operability
- Minimal risk of contamination due to hot air sterilization without compromise
- Fan-free, easy-to-clean hygienic interior without internals
- Stable pH values due to drift-free CO₂ IR sensor technology
- Low evaporation of the medium due to high humidity and fast recovery time

Important features

- Temperature range: +4 °C above ambient temperature to +60 °C
- Humidity range: 90 to 95 % r.h.
- CO₂ control range: 0-20 % CO₂ by volume
- Proven anti-contamination concept with 180 °C hot-air sterilization
- Optimized double tray humidification system with condensation protection
- CO₂ gas mixing nozzle with Venturi effect
- Hot-air sterilizable CO₂ sensor with single-beam infrared technology
- Intuitively operable touchscreen controller
- Internal data logger, measured values can be read out in open format via USB
- CO₂ Fail Safe system for pH protection of cell cultures
- DuoDoor™ system: outer and glass door can be opened with one handle
- Tightly closing inner door made of safety glass
- Lockable door handle
- Seamless stainless steel inner vessel with beads as slide-in supports
- Perforated stainless steel slide-in trays
- Fault diagnosis system with visual and audible alarm
- Interfaces: Ethernet, USB, potential-free alarm contact
- Units stackable with stacking adapter, the CB is stack compatible with CBF and CB-S models of same size

Optional equipment

- Model variants with O₂ control range 0.2-20 vol.% O₂ or 10-95 vol.% O₂
- Model variants with humidity control range: 50-95 % r.h. through active humidification
- Convenient water supply with reusable hose bags, pre-filled one-liter water bottle or water canister set with magnetic holder, for model variants with active humidification
- Multi-partitioned glass doors with special inserts for spatial separation of experiments
- Stacking adapter for safe and space-saving set-up
- Gas bottle changer for connecting two gas bottles to up to two incubators
- CO₂ shaker with corrosion-resistant components in stainless steel housing
- Multi management software APT-COM – manage, record and document instrument parameters
- Services – comprehensive services ensure correct instrument function

Additional Information

No.	BB-1648
Manufacturer (Brand)	Binder
EAN	4058072523718
Transport temperature	Room temperature
Color	red grey
Temp MAX	60 °C
Wide	680 mm
Width/inside	560 mm
Height	870 mm
Height inside	600.0 mm
Depth	715 mm
Depth inside	505 mm
Number of shelves/ grids	3
Display (reading, setting)	digital
Operation via	Knobs/Buttons
Weight	98 kg
Voltage	120 V
Heaters and warming cabinets features	with infinitely variable temperature control with sterilization program with hot air with alarm function Temp MIN/MAX depends on ambient temperature
CO2 content	1 to 20 %
Moisture content	40 to 97 %
Power	1400 W
Useful volume	170000 ml
Loading	from the front
Temp. accuracy	+/- 0.4 °C
Type incubator/ incubator	with CO2 supply
O2 content	1 to 20 %
Page door suspension	right

Temp MIN above ambient temperature

6 °C

Type tempering cabinet

Incubator/ incubator

