



BOECO COMPACT CO2 INCUBATOR S-BT

S-Bt Smart Biotherm is designed for work in the areas of cell biology (operations with animal cell cultures and tissues), molecular biology (DNA/RNA reaction analysis, hybridization reactions), biotechnology (synthesis of target proteins and other molecules), immunology (synthesis of antibodies and other proteins of immune system).

Features:

- » Six-sided heating: The heating elements are located on the walls and on the door, thus providing excellent uniform temperature distribution, regardless of external factors, such as ambient temperature and positioning of the device.
- » Built-in infrared CO₂-sensor allows an accurate control of the CO₂ level. The sensor makes measurement non-sensitive to changes in temperature and humidity inside the incubator.
- » The chamber is made of stainless steel with smoothed seams to minimize contamination and to facilitate cleaning.
- » The BOECO S-Bt is equipped with a UV air recirculation system - one UV lamp and a fan are mounted behind the rear wall, providing decontamination of the working volume.
- » A convenient access port is built in the wall of the incubator for easy output of wire sensors or devices' installed inside. The access port is heated independently to prevent formation of condensate.
- » An error tracing and alarm system lowers significantly potential risks during operation.
- » The unit is equipped with a "black box" system that records temperature, humidity and CO₂ levels, as well as statuses for door opening, UV lamp, fan and errors, to the inner memory.
- » Bluetooth connection to PC is available as an option.

Technical details:

Working chamber material	Stainless Steel (1 mm)
Temperature setting range	+25°C ... +60°C
Temperature stability	±0.1°C
Temperature uniformity at +37°C	±0.3°C
Working volume	46 litres
Number of shelves	3 (max. 6)
Inner glass door	yes
Relative humidity	>90% @ 37°C
Humidity delivery	Water Pan
CO ₂ control range	0 – 20%
CO ₂ sensor	Infrared CO ₂ sensor
Temperature and CO ₂ level input	Digital
UV lamp	1 × 6 W, TUV G6T5
Data output	Wireless
Access port	1 (ø 26 mm)
Dimensions	400 × 410 × 580 mm
Weight	37,7 kg
Nominal operating voltage	230 V, 50/60 Hz 115 V, 60 Hz

Code	Description
BOE 8087000	BOECO compact CO ₂ incubator, 230 V, 50/60 HZ
BOE 8087100	BOECO compact CO ₂ incubator, 115 V, 60 Hz

Accessories

Code	Description
BOE 8087001	Additional shelf
BOE 8087002	PC Software and Bluetooth adapter
BOE 8087003	Incubator stacking device