



Boekel Scientific™ CO₂ Incubator

Carbon Dioxide Mammalian and Insect Cell Culture Incubator

Boekel Scientific's new touch screen CO₂ Incubator was designed to be ideal for stationary, spinner, and shaker cell culture. The polished stainless interior is easy to clean, and the control system can maintain the perfect environment for mammalian or insect cultures. The air jacketed heating system and double door design ensures the perfect environment for research laboratories or production facilities.



The unit has an easily viewable, bright color touch screen that displays alarms, current temperature, set temperature, CO₂ level, CO₂ setpoint, and the humidity level. The user can easily define control programs to automate the CO₂ level, temperature, and control the internal power outlet. The user interface was carefully designed to be intuitive and easily readable. The display can show temperature, humidity, and CO₂ graphs and this data can be downloaded to a USB drive or through an Ethernet connection. The incubator is ideal for standard cell culture work or flexible experiments. The unit can also add humidity to the chamber with the included humidity pan. Contact your local laboratory equipment distributor or Boekel Scientific directly for more information about this exciting new piece of equipment.

- » Advanced Control System for Custom Temperature & CO₂ programs, Timers, and Alarms
- » Vivid Color Touch Screen That Can Easily Be Viewed from Across the Room
- » Double Door Design with Clear Tempered Glass Viewing Door
- » Internal Power Outlet with Time-Based Control Options
- » Extremely Precise Temperature and CO₂ Control
- » USB and Ethernet Data Ports
- » Two-year Warranty
- » Made in the U.S.A

Part Number Information

Item	Part Number
Touch Screen CO ₂ Incubator Voltage: 120V Includes: Unit, Humidity Pan, 2 Shelves, and Manual	155000
Touch Screen CO ₂ Incubator Voltage: 230V Includes: Unit, Humidity Pan, 2 Shelves, and Manual	155000-2
Calibration Kit: Temperature and Humidity Calibration Equipment	155CAL



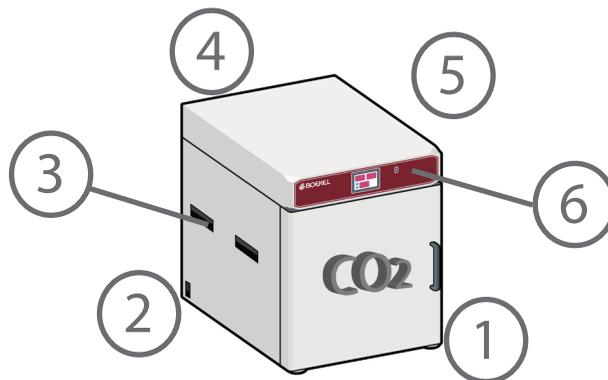


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Device Overview

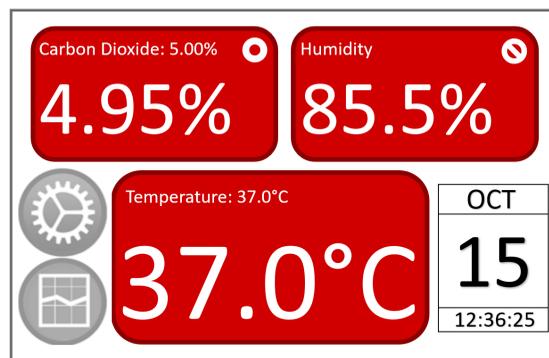
- 1) Heated Double Door Design
- 2) Power Connection & ON/OFF Switch
- 3) Lifting Handles
- 4) Carbon Dioxide Connection
- 5) Ethernet Port
- 6) Color Touch Screen and USB Connector



Device Specifications

Item	Description
Touch Screen CO ₂ Incubator	Part Number: 155000 115V Part Number: 155000-2 230V
Outer Dimensions	W 25.75" x D 27.50" x H 27.75"
Chamber Capacity	4.0 cu ft 2 Shelves Included
Materials	Painted Steel Exterior Polished Stainless Steel Interior Stainless Steel Shelves
Humidity Method	Stainless Steel Pan
Heating Method	Air Jacketed Resistive Heater Array with Heated Door
Control System	Standard and Advanced control of temperature, CO ₂ , and internal outlet. Time based control of setpoints with repeat function. 4 Setpoint Ramp
Alarms	User Settable High & Low Temperature / CO / Humidity Alarm
Timers	User Settable with/without alarm
User Interface	4.3" Color Touch Screen
Temperature Range	25°C - 90°C @ 20°C ambient
Accuracy	+/- 0.20°C @ 37°C
Stability	+/- 0.10°C @ 37°C
Data Acquisition	Screen Graphing, USB Download, Ethernet Communication
Weight	120 lbs

Main Screen Example



Double Door Design

