

# COLD BOX

## B 35

The B 35 cold box is a small desktop appliance for cooling and freezing in all laboratories, research and industry. Due in particular to its compact space-saving design with a low-noise cooling unit, the cold box is suitable for direct use in the workplace.



Model	B 35-50	B 35-85
Temperature range [min/max]	-50°C / -10°C	-85°C / -50°C
Control accuracy	+/- 1 K	+/- 1 K
Volume	35 l	35 l
Interior [WxDxH]	42,5x30x28 cm	42,5x30x28 cm
External dimensions [WxDxH]	58x76,5x54 cm	58x76,5x54 cm
Weight	65 kg	81 kg
Electrical connection	230 V / 50 Hz	230 V / 50 Hz
Ambient temperature [min/max]	+12°C / +30°C	+12°C / +30°C

#### Characteristics:

- Vacuum-Insulation: large interior space with small external dimensions and low power consumption
- All stainless steel casing
- Refrigeration unit: low noise, fully hermetically sealed, air-cooled, low maintenance
- B 35-85: two-stage cascade refrigeration system
- Foamed door with double door seal
- Interior free of fixtures: no ignition sources, makes cleaning easy
- Side air vent, so suitable for installation directly on walls
- Control unit with keyboard and integrated, galvanically isolated, mains-independent alarm (visual and audible signal, showing the maximum temperature during the disturb, battery lasting around 72 hours)
- Potential-free contact for connection to an external alarm system
- 100mV/K-output for connection to a temperature recording system
- RS485 interface
- Bushing (diameter 10 mm), e.g. for temperature monitoring with external sensors
- Lockable lid
- Stackable unit, max. 2 units

#### Accessories:

- B 35-RS stainless steel shelf
- 5 drawers, each for 6 standard cryoboxes (133x133x53 mm)
- Extra gaps for optimal, uniform and rapid cooling of the entire frozen product

#### Options:

- Circulation air fan in the interior for better temperature distribution (not in B 35-85)
- Your desired option is not listed? Just ask us!