

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!