

# COOLING FASCINATION

Refrigerators and freezers for professional use



## B 35 cold box

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	-50°C to -10°C	-85°C to -50°C
Control accuracy	+/- 1 K	
Capacity	35 litres	
Interior (WxDxH)	42,5 x 30 x 28 cm	
External dimensions (WxDxH)	58 x 76,5 x 54 cm	
Weight	65 kg	81 kg
Ambient temperature	+12°C to +30°C	
Electrical connection	230 V / 50 Hz	



### 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)
- Voltage-free alarm contact for connection to an external alarm system
- 100mV/K-output for connection to a temperature recording system
- RS485 interface
- Lockable lid
- Stackable unit, max. 2 units

### Accessories:

- B 35-RS stainless steel shelf
  - 5 drawers, each for 6 standard cryoboxes (135x135x52 mm)
  - Extra gaps for optimal, uniform and rapid cooling of the entire frozen product



### Option:

- Circulation air fan in the interior for better temperature distribution (not in B 35-85)
- Bushing 10mm
- Your desired option is not listed? Just ask us!