

# Cold Box B 35

The cold box B35-85 is a small desktop device for cooling and freezing. It is suitable for usage in laboratories as well as research and industry facilities. It is also for using directly at the workplace especially with its compact and space saving form factor and a quiet, noise-cancelling cooling aggregate.



## Technical Data:

Temperature Range: B 35-50 = -10 to -50 °C  
B 35-85 = -50 to -85 °C  
Control Precision: +/- 1 K  
Effective Volume: 35 Liters  
Chamber (WxDxH): 42,5 x 30 x 28 cm  
Outside Dimensions: 58 x 76,5 x 54 cm  
Material Inside: Stainless Steel 4301  
Material Housing: Stainless Steel 4016  
Weight: B 35-50 = 65 kg  
B 35-85 = 81 kg  
Surrounding Temp.: +12 °C bis +30 °C  
Electrical Supply: 230 V / 50 Hz



## Characteristics:

Larger effective space combined with small outside due to the usage of vacuum isolation, improved isolation, lower power consumption / housing completely out of stainless steel / hard-foamed door with double isolation gaskets / chamber inside made of stainless steel without any obstacles so it can be easily cleaned / ventilation grid on left and right side so it can be placed directly to a wall behind / control unit with foil keyboard and integrated, galvanic separated independent alarm (optical and audio signal, display of length of disruption, accu for approx. 72 hours alarm signal) / potential free alarm contact for connection of an external alarm system / 10mV/K output for connection of a temperature recording system / RS 485 interface / lockable door



## Accessories:

### Stainless steel shelf B 35-RS

- 5 separate drawers for 6 standard cryo-boxes each  
135x135x52 mm
- Multiple cryo-boxes available



### Temperature writer TSG 30/100

- Recording range +0 °C to -100 °C
- Recording time 30 days per folded paper
- For connecting to 10mV/K-outputs of FRYKA-products
- Recording on folding paper blocs for easy browsing through the prints when controlling the records
- Separate case with carrying grip
- Power supply 230V / 50 Hz



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