



### Applications

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

### Technical Data

Temperature range:	-50 to -85 °C
Control precision:	+/- 1 K
Effective space:	35 litres
Inner prop. (w x l x h):	42,5 x 30 x 28 cm
Outer prop. (w x l x h):	58 x 76,5 x 54 cm
Inside material:	stainless steel 4301
Casing material:	stainless steel 4016
Weight:	81 Kg
Surrounding temperature:	+12 °C to +30 °C
Currency:	230V / 50 Hz
Max. current consumption:	5,0 Amp.



### Characteristics

Larger effective space combined with small outside proportions due to the usage of vacuum isolation, improved isolation, lower power consumption / casing made completely from stainless steel / foamed form door with double isolation ring / chamber inside made of stainless steel without any obstacles so it can be easily cleaned / Ventilation grid on the backside as well as left and right side so it can be placed directly to a wall / control unit with foil keyboard and integrated, galvanic separated currency independent alarm (optical and audio signal, display of length of disruption, accu for approx. 60 hours) / potential free alarm contact for the connection of an external alarm signal / temperature writer output 10m V/K for the connection of a temperature recording system / RS 485 interface / lockable door

### Accessories

Stainless steel shelf B 35-RS

- 5 separate drawers for 6 standard cyro-boxes each 135 x 135 x 52 mm
- Multiple cyro-boxes available

Temperature writer TSG 30/100

- Recording range +0°C to -100°C
- Recording time 30 days per folding paper block
- For the connection to the 10mV/K output of the FRYKA products
- Recording on folding paper blocks for easy browsing through the prints when controlling the records
- Separate case with carrying grip
- Currency 230V / 50Hz

