

## Cold Box B 30

### Applications

The cold boxes B 30 are desk-freezer units and can be placed directly at the workplace.

The types B 30-20 to B 30-50 are stackable.

Up to three units can be stacked on top of each other.

The versions B 30-20 up to -20°C feature a thermo pane glazing in the doors that enables the observation of frozen materials.

### Temperature Control

The models B30-20 and B 30-40 are fitted with a digital controller with PT100 sensor without alarm.

The model B 30-50 is fitted with an electronic controller with LED display and internal PT100 sensor. Temperature setting is by a coding switch. This model additionally features a currency independent alarm with audio signal and a 10mV/K output into which a temperature recorder can be plugged.

Local precision control of all types is +/- 1 K.

### Refrigeration System

The cold boxes B 30 are fitted with quiet, hermetically sealed cooling compressors. The intrinsically safe, air-cooled refrigeration system is maintenance-free (excluding a periodical cleaning of the lamella condenser).

### Casing

All casing parts are made from stainless steel or white powder coated anodized sheet steel.

The types B30-20 to B 30-50 are fitted with a blue protective ring around top and bottom to avoid risk of injury by corners and edges.

The chamber inside has a volume of 30 litres and is made of stainless steel without any obstacles so it can be easily cleaned.

### Accessories

To hold cooling good, the stainless steel shelves B 30-RN are available. These can hold different standard containers or the drawer shelves B30-RS which are suitable for the storage of Cyro-boxes. For all units with 10mV/K output a temperature recorder to protocol temperature patterns is available.

#### Stainless steel shelf B 35-RS



#### Temperature writer TSG 30/100



### Technical Data

model	temperature range	effective space inox			power supply			outer proportions			weight
		width	depth	height	Volt	Hz	Amp.	width	length	height	
B 30-20	+10 to -20°C	360	350	230	230	50	1,5	470	580	400	42 kg
B 30-40	-10 to -40°C	360	350	230	230	50	2,0	470	580	400	46 kg
B 30-50	-30 to -50°C	360	350	230	230	50	2,5	550	700	500	59 kg