

**B 8000 SERIES:****INCUBATORS, BACTERIOLOGICAL CABINETS**

Series B 8000 consists of five different cabinets with sizes from 23 litres up to 420 litres.

There are two different types of controllers available. The Basic (see page 9) and the Special (see page 10) Interior housing and shelves are in stainless steel. All cabinets are equipped with a glass inner door.

Externally, the cabinets are constructed of electrolytically galvanized steel sheets, coated with a grey epoxy polyester paint (RAL 7035).

The three smallest models are table models that are stackable. By means of brackets they can be wall mounted. The two biggest models stand on the floor and have adjustable feet.

**KEY FEATURES**

- Temperature range up to 70 °C
- PID Temperature controller
- Digital calibration
- Alarm
- Timer
- Data logging
- Safety thermostat
- Glass innerdoor
- 4 speed fan

ACCESSORIES

	B 8023	B 8054	B 8133	B 8260	B 8420
Internal power socket 230V	✓	✓	✓	✓	✓
Rack, Socket 50 cm high	—	✓	✓	—	—
Socket w/material cabinet	—	—	—	✓	✓
Set of Castors	—	—	—	✓	✓
Door Lock	✓	✓	✓	✓	✓
Wall Bracket	✓	✓	✓	—	—
Access Port 30 mm	✓	✓	✓	✓	✓

— Not available

INCUBATORS, BACTERIOLOGICAL CABINETS

TEMPERATURE CONTROL		B 8023/S	B 8054/S	B 8133/S	B 8260/S	B 8420/S
Variation	+ / - °C	0,2	0,2	0,2	0,2	0,2
Deviation (spatial)	+ / - %	1	1	1,5	1,5	1,5
Readability / Set ability	°C	1/0,1	1/0,1	1/0,1	1/0,1	1/0,1
Range	°C	t _b -70	t _b -70	t _b -70	t _b -70	t _b -70
Sensor thermocouple "K"		*	*	*	*	*
Controller		PID	PID	PID	PID	PID
Display		LED/LCD	LED/LCD	LED/LCD	LED/LCD	LED/LCD
TIMER						
Minutes / hours		0-999	0-999	0-999	0-999	0-999
Delayed start options		*	*	*	*	*
Real time program		NO/Optional**	NO/Optional**	NO/Optional**	NO/Optional**	NO/Optional**
Printer report		NO/Optional**	NO/Optional**	NO/Optional**	NO/Optional**	NO/Optional**
SAFETY						
Alarm flashing / Acoustic		*	*	*	*	*
Alarm limit settable	°C	*	*	*	*	*
Automatic safety setting	°C	NO/YES	NO/YES	NO/YES	NO/YES	NO/YES
FEATURES						
Fan speed steps		4/10	4/10	4/10	4/10	4/10
Door gasket silicone		*	*	*	*	*
Exhaust valve	Ø mm	32	32	32	NO	NO
Ventilation slide	0-100 %	*	*	*	NO	NO
Glass inner door		*	*	*	*	*
Data Port, Serial	RS 232	NO/YES	NO/YES	NO/YES	NO/YES	NO/YES
Pot. free alarm output		NO/Optional	NO/Optional	NO/Optional	NO/Optional	NO/Optional
SHELVES						
Standard / Max	pcs	2/7	2/8	4/16	3/13	4/23
Dimensions WxD	mm	320x240	400x330	510x410	600x550	600x550
Max load pr shelf	kg	20	20	20	30	50
Permitted total load	kg	50	50	70	80	100
HEATING						
Heating up time to 37 °C	mins	27	30	33	27	30
Heat transfer at 70 °C	W	65	75	90	170	190
Air changes	p/h	110	50	20	95	60
POWER						
Nominal Power	W	330	330	330	930	930
Nominal voltage	V	230,1~	230,1~	230,1~	230,1~	230,1~
Frequency	Hz	50	50	50	50	50
DIMENSIONS						
Exterior WxDxH	mm	515x455x490	595x550x580	705x625x820	830x730x1170	830x730x1620
Interior WxDxH	mm	325x260x270	405x370x360	515x430x600	602x590x730	602x590x1190
Volume	litres	23	54	133	260	420
WEIGHTS / VOLUME						
Net weight	kg	27	36	56	90	115
Shipping weight	kg	30	41	66	110	140
Shipping volume	dm³	214	327	558	957	1280

t_b = 5 °C ABOVE AMBIENT

* = STANDARD

** THIS OPTION IS STORED IN THE SYSTEM AND CAN FREELY BE TESTED FOR 30 DAYS. A UNIQUE CODE IS NEEDED IN ORDER TO MAKE IT AVAILABLE FOR PERMANENT USE
THESE TECHNICAL DATA ARE SPECIFIED FOR AN EMPTY CABINET AND AMBIENT TEMPERATURE OF 23 °C
SUBJECT TO TECHNICAL ALTERATION