

## Series B

**with mechanical regulation from +25°C\* to +70°C**

MEMMERT – for more than 30 years one of Europe's leading manufacturers of electrically heated ovens – offer with their series "Precision Incubators" an unparalleled range which has proved its suitability in the world markets thousands of times over.

Available in 8 resp. 5 different sizes, series B resp. BE incubators are used in the field of microbiology for growing bacteria cultures etc.

For low temperature incubation series BKE offers a temperature range of  $\pm 0^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  and is available in 5 different sizes. Useful in the fields of biology, botany, virology, oceanography etc., they also fulfill the requirements of food research, water pollution, sewage laboratories or blood bank refrigerators in hospitals.

MEMMERT Precision Incubators are manufactured according to the VDE-regulation. Also series B can be delivered with an overheat protection according to the new German safety standard DIN 12 880 (see special equipment).

**BE/BKE models are fitted with safety device type 3.1 (standard).**

BKE: Safety device type 3.1 valid only for temperatures above ambient.

### Technical data:

**Working chamber:** Series B/BE standard model made of pure aluminium, with chemically finished surface. Special model made of brilliant stainless steel no. 1.4301 (additional price). Series BKE made of stainless steel no. 1.4301 (standard).

**Outside:** made of textured stainless steel no. 1.4301, (easy maintenance), back made of sheet steel, galvanized.

**Doors:** double-walled metal door, fully insulated and inner glass door; model B 26: without inner glass door, either with metal door or with full-sight glass door.

**Operating-sensitivity:** Series B:  $\pm 0.5^{\circ}\text{C}$   
Series BE/BKE:  $\pm 0.2^{\circ}\text{C}$

**Operating-uniformity:** better than DIN 58945

**Electric supply:** 220 volts A. C., valid from 190 to 260 volts, or 110 volts A. C., valid from 90 to 150 volts, 50/60 cycles.

Series BKE 110 V and/or 60 cycles upon special request (additional price).

### Standard equipment:

Rotary switch with on-off-timer positions, indicating lights, 1 temperature-selector, 1 electronic regulator with overheat controller type no. 3.1 (series BE/BKE), 1 scale-lock, 1 connecting cable with plug, 1 built-in control thermometer, 1 ventilation-slide (series B/BE), 2 shelves perforated, made of pure aluminium with chemically finished surface, size 50 to 80 and series BKE: made of brilliant stainless steel no. 1.4301, 2 keyhole slots for hanging on a wall (up to model B/BE 30), 1 supply cable. Series B/BE size 80 and series BKE 50 to BKE 80 fitted with castors.



**Handing ApS™**  
Nordkranvej 5-9, Vassingerød  
DK - 3540 Lyngby  
Tel.: +45 48160166  
www.handing.dk

## Varmeskab Memmert type B 40

Dette dokument er vejledende.  
Der tages forbehold for fejl.  
This document is only guiding.  
We make reservation for possible errors.

Copyright © By Handing ApS. All Rights Reserved.

Alle mål i mm.  
All measures in mm.

Lager nr. /LH

**D1105**

# memmert

Model-size	<b>40</b>	
Interior (mm)	Contents liters	115
	wide	600
	high	480
	deep	400
Housing (mm) (without door, depth of door 85 mm)	wide	720
	high (Series B/BE)	760
	high (Series BKE)	1045
	deep	520
□ = available model	<b>Series B</b>	<input type="checkbox"/>
	<b>Series BE**</b>	<input type="checkbox"/>
	<b>Series BKE**</b>	<input type="checkbox"/>
● = available Accessories and special equipment	Interior stainless steel no. 1.4301 (standard for series BKE)	●
	Shelves, perforated, aluminium stainless steel no. 1.4301	●
	Trays, non-perforated, borders 12 mm high, aluminium stainless steel no. 1.4301	●
	Safety device for excessive temperature (series B) type 3.1 (overheat controller)	●
	Time switch	●
	Electrical timer with programme controller**	●
	dito in connection with a 2nd regulator**	●
	Digital temperature indicator	●
	Temperature recorder	—
	Ducts 23 or 38 mm Ø	●
	Key operated door lock	●
	Frame for built-in installation B/BE	●
	Metal bracket for hanging on a wall series B/BE	●
	Stacking device series B	●
	BE	●
	Consumption (Watt)	
	Series B	1000
Series BE	1000	
Series BKE	450	
Packing (cases)		
Weight kg (net)		
Series B/BE	50	
Series BKE	102	
Weight kg (gross)		
Series B/BE	86	
Series BKE	139	
Volume m <sup>3</sup>		
Series B/BE	0.548	
Series BKE	0.743	



**Handing ApS™**  
 Nordkranvej 5-9, Vassingerød  
 DK - 3540 Lyngby  
 Tel.: +45 48160166  
 www.handing.dk

## Varmeskab Memmert type B 40

Dette dokument er vejledende.  
 Der tages forbehold for fejl.  
 This document is only guiding.  
 We make reservation for possible errors.  
 Copyright © By Handing ApS. All Rights Reserved.

Alle mål i mm.  
 All measures in mm.

Lager nr. /LH

**D1105**



# memmert

## Extraordinary technical advantages of the memmert Precision Incubators

### Ventilation slide with scale

for adjustment of fresh air (Series B/BE)

### Temperature-selector (aluminium)

gauged individually during a 12 to 24 hours final factory test, repeatedly controlled.

### Scale lock

Simple and reliable means of securing rotary scale of thermostat, safety device and (for B/BE 50 - 80) fresh air regulator knob. Immobilises scale without visible clamping, preventing inadvertent adjustment of temperature setting (no attrition, also for frequent use).

### MEMMERT-temperature-regulator

**Series B:** mechanical precision thermostat approved for one hundred thousand cycles. Low long term thermal drift.

**Series BE:** fully electronic long life unit with separate solid state contactless relay.

### Control:

modern styled, high level instruments allow easy viewing and operation. Modular instrumentation permits easy servicing and simple fitting of accessories at any time.

### Time switch with programme controller

in connection with a second regulator for cycling the oven between 2 different temperatures (special equipment, additional price).

### Triple wall construction

(Series B/BE) little heat-loss and low current consumption.

### Precision Thermometer:

Fitted as standard to allow accurate monitoring of control temperature. Graduated at 1°C intervals.

### Stainless steel exterior

(standard) greatest durability, sanitary, easy maintenance

### Doors

double-walled metal door, fully insulated

and inner glass door for observation of the contents when the door is closed, no drop in temperature (model B 26 without inner glass door, either with metal or full-sight glass door).

### Rib-heating

(Series B/BE)

Large heating-ribs as support for the shelves, stable interior, heat-transfer by radiation and convection - therefore rapid but equal warming-up of the contents, uniform temperature distribution and low current consumption.

### Safety door locks

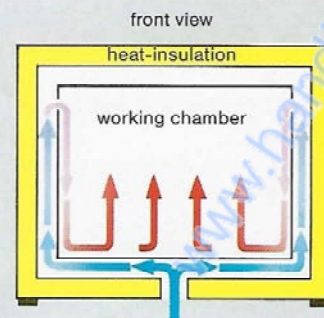
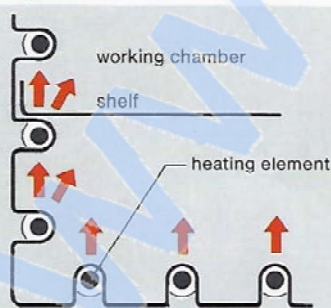
with double interlock

push-pull locking mechanism allows easy operation of doors. Following unloading and whilst holding trays for example, the doors may easily be closed and locked with elbows etc.

### Natural ventilation

(Series B/BE)

with fresh air preheating by MEMMERT-ventilation system, utilizing the lost heating-energy, practically no drop in temperature when opening the ventilation.



**Handing ApS™**  
 Nordkranvej 5-9, Vassingerød  
 DK - 3540 Lyngge  
 Tel.: +45 48160166  
 www.handing.dk

## Varmeskab Memmert type B 40

Dette dokument er vejledende.  
 Der tages forbehold for fejl.  
 This document is only guiding.  
 We make reservation for possible errors.  
 Copyright © By Handing ApS. All Rights Reserved.

Alle mål i mm.  
 All measures in mm.

Lager nr. /LH

**D1105**