



Electronic Dry-bath incubator



Application

This electronic dry bath incubator is used to incubate GKE self-contained bio-logical indicators (SCBIs) and GKE Stearo-Ampoules. SCBIs are used to test steam, ethylene oxide, formaldehyde and hydrogen peroxide/plasma sterilization processes. GKE Stearo-Ampoules are used to test liquid sterilization procedures.

After the incubation period the color of the pH-indicator shows the result of the media. An external microbiological laboratory is not needed. Therefore, the results are available much faster.

Product Description

The incubator is available in four versions for different temperatures. All incubators contain an aluminium block to incubate SCBIs. An aluminium block suitable for Stearo-Ampoules (art.-no. 610-114) is available separately. The incubation temperature is visible in the LCD-display.

Art.-No. 610-119, model I-37-AB-MBP Incubation temperature: 37°C, to incubate *B. atrophaeus* biological indicators

Art.-No. 610-120, model I-57-AB-MBP Incubation temperature: 57°C, to incubate *G. stearothermophilus* biological indicators

Art.-No. 610-121, model I-V-AB-MBP
Variable incubation temperature, to incubate to incubate *B. atrophaeus* and *G. stearothermophilus* biological indicators

Art.-No. 610-122, model I-V-T-AB-MBP
Variable incubation temperature, see Art.-No. 610-121, however incubation time programmable.

After the time is elapsed the incubator provides an acoustic and visual signal. The countdown is only running, when temperature is equivalent to the setting. So even during electrical power outages, a correct incubation time is warranted. Temperature and remaining incubation time is visible on the LCD-display.

The aluminium block is covered with a transparent lid with the advantage that the color change of SCBIs and stearo ampoules can be observed without taking out the biological indicators.

Before the SCBIs are incubated they need to be activated by crushing the glass ampoule inside the SCBI. The crusher is integrated in the aluminium block of the incubator.

The incubator is running at 12 V DC and can be used in all laboratories. A separate power supply with variable voltage input 100 - 240 V AC is enclosed with each incubator.



Specifications

Voltage of incubator	12 V DC
Max. heating power	35 W
Separate power supply	12 V DC/100 - 240 V AC, 50 - 60 Hz
Programmable temperature range	+ 5 to + 80°C
Programmable incubation time range	0 ~ 99 h (only art.-no. 610-122)
Temperature accuracy	$\leq \pm 1^\circ\text{C}$
Display accuracy	0.1°C
Heating time: 20°C to 37°C 20°C to 57°C 20°C to 80°C	≤ 8 min ≤ 10 min ≤ 12 min
Ambient usable temperature range	5°C ~ 35°C
Dimensions incl. lid (WxDxH)	110 x 150 x 120 mm
Weight including aluminium block	870 g
Power cord with the following plug versions available:	Australia = A Europe = E Great Britain = G USA = U

Benefits

- The dry bath incubator does not require water circulation and therefore, needs no cleaning.
- The incubator can be used with all local voltages.
- Low voltage allows operation in all laboratories.
- Color change of BI can be observed through a transparent lid without taking the biological indicators out of the incubator.
- Separate aluminium blocks are available for SCBIs or stearo ampoules.
- LCD display allows actual temperature control during the incubation.
- High electronic control provides excellent temperature stability.
- Crusher for SCBIs is integrated in the aluminium block.
- Free temperature selection can be programmed with Art.-No. 610-121 and 610-122.
- Incubation time can be programmed with Art. No. 610-122.
- incubation time is still obtained.

Order Information

Four incubator versions including aluminium block for Mini-Bio-Plus SCBIs. Also order the correct plug on the power cord, available for Europe, Great Britain, Australia and the US.

Art. No.	Product Code	Description
610-119	I-37-AB-MBP	Incubation temperature: 37°C fixed
610-120	I-57-AB-MBP	Incubation temperature: 57°C fixed
610-121	I-V-AB-MBP	Variable temperature selection
610-122	I-V-T-AB-MBP	Variable temperature selection and programming of incubation time
610-114	I-AB-AMP	Aluminium block for stearo ampoules

