



PRODUCT BROCHURE

GENERAL LABORATORY / INCUBATION

DIGITAL LABORATORY INCUBATOR

**Compact constant-temperature incubation
for routine laboratory work.**

A proposed ALC-Scientific compact digital incubator based on the LMIO6 reference platform for microbiology, culture work and routine constant-temperature incubation.



CAPACITY

6 L

TEMP RANGE

RT +5 to 45 C

POWER

100 W

Proposed Model
ALC-LI06

Reference
LMIO6 reference

PROPOSED SPECIFICATION SET

Final values, accessories, warranty and compliance require approval against the selected OEM datasheet and ALC model mapping.



OVERVIEW & FEATURES

PRODUCT OVERVIEW

Compact constant-temperature incubation for routine laboratory work.

A portable 6-litre chamber with digital temperature control, over-temperature protection and surrounding chamber heating for stable routine incubation in space-limited laboratories.

**CAPACITY**

6 L

TEMP RANGE

RT +5 to 45 C

POWER

100 W

Key Features

- 6 L compact chamber
- RT +5 C to 45 C operating range
- 0.1 C display resolution
- Digital temperature display
- Over-temperature alarm
- Surround heating design
- Portable lightweight construction
- Timer function

Working Principle

Electrical heaters surrounding the chamber raise the internal temperature to the set point. Sensor feedback is used by the controller to maintain the selected temperature during incubation.

TYPICAL APPLICATIONS

Microbiology incubation / Culture media conditioning /
Routine research incubation / Teaching laboratories /
Sample warming



TECHNICAL SPECIFICATIONS

REFERENCE TECHNICAL DATA

Model-specific values require approved OEM confirmation.

PARAMETER	REFERENCE SPECIFICATION
Reference platform	LMIO6
Volume	6 L
Temperature range	RT +5 C to 45 C
Ambient temperature	5-30 C
Resolution	0.1 C
Reference accuracy	Approx. 1 C
Power	100 W
Structure	Portable
Timer	Available
Inner chamber	215 x 220 x 205 mm
Outer size	300 x 320 x 355 mm
Power supply	AC 220 V / 50 Hz
Packing dimension	400 x 390 x 420 mm

STANDARD SUPPLY

- Main incubator
- Shelf / tray as quoted
- Power cord
- Instruction manual
- Test certificate

OPTIONAL /
MODEL-DEPENDENT

- Additional shelf
- External monitoring sensor
- Validation / mapping documentation

TO BE CONFIRMED

- Final chamber arrangement
- Temperature uniformity
- Alarm configuration
- Warranty
- Accessories



APPLICATIONS & ENQUIRY

LABORATORY APPLICATIONS

A practical platform for professional laboratory workflows.

Applications

- Microbiology incubation
- Culture media conditioning
- Routine research incubation
- Teaching laboratories
- Sample warming
- Small-volume laboratory workflows

Product Advantages

- Compact 6 L footprint
- Easy digital operation
- Portable construction
- Uniform surrounding heating
- Low power requirement
- Simple cleaning and maintenance

INDUSTRIES SERVED

Academic laboratories / Microbiology / Research institutes / Biotechnology / Educational laboratories



SCAN FOR PRODUCT PAGE

Request a model-specific quotation.

Share your application, required range or capacity, preferred configuration, quantity, installation city and documentation needs. Final performance values and accessories are issued with the approved technical datasheet and commercial quotation.

ALC-SCIENTIFIC LABORATORY SYSTEMS

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OEM / PRIVATE LABEL AVAILABLE

Product images are for reference and may vary according to the selected configuration. Specifications, dimensions, accessories and designs are subject to change. Final specifications are those stated in the approved technical datasheet and commercial quotation.