TECHNICAL DATA SHEET

ALab™ BC-M Colony Counter

Digital colony counter, common model · counting capacity 0-9999 · display 4-digit LED · magnification 3× / 6×



ALab™ BC-M Colony Counter

The ALab™ BC-M Colony Counter; image shown for reference.

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SECTION I

Product Overview

The BC-M is a digital display bacterial testing instrument composed of a counter, probe pen, counting pool and magnifying glass. Colonies are counted by point-press with the sensitive probe pen and shown on a bright 4-digit LED display (0-9999); a counting correction function adds or removes colonies after repeated or mistaken counts. The Φ118mm counting pool has a built-in circular fluorescent lamp that gives uniform, non-glaring side illumination with adjustable brightness for clear colony contrast, and takes petri dishes up to Φ115mm. Power comes from a Type-C connection or AAA dry batteries.

SECTION II

Core Advantages

- **Counting capacity** — 0-9999
- **Magnification** — 3× / 6×
- **Counting pool size** — Φ118mm
- **Magnifying glass diameter** — Φ90mm
- **Display** — 4-digit LED
- **Power** — 7W
- **Max. diameter of petri dish** — Φ115mm
- **Dimensions [L×W×H]** — 250×210×60mm

SECTION III

Specifications

Technical data — BC-M

Specifications	
Brand	ALab™ by ACS Material
Model	BC-M
SKU #	ALBCM000
Product Type	Digital colony counter, common model
Power supply options	Type-C / AAA dry battery
Counting capacity	0-9999
Power	7W
LED digital display	4 digits
Counting correction	Add or remove colony quantity
Counting pool size	Φ118mm
Max. diameter of petri dish	Φ115mm
Magnifying glass diameter	Φ90mm
Magnification	3× / 6×
Lighting	Circular fluorescent lamp, side-illuminating, brightness adjustable
Circuit design	CMOS integrated circuit
Dimensions [L×W×H]	250×210×60mm
Weight	1kg
Power supply	100-240V, 50/60Hz

Scope of delivery

- Main unit: ALab™ BC-M Colony Counter

SECTION IV

Applications

The BC-M is a compact digital colony counter for counting bacterial colonies on petri dishes up to Φ115mm, with point-press probe-pen counting, counting correction, ring fluorescent side lighting and a 3×/6× magnifier. It helps count bacterial colonies in environmental, biological, food sanitation, water quality and grain testing work, at epidemic prevention and environmental monitoring stations, food hygiene and drug inspection institutes, biological products institutes, food, beverage and cosmetics factories, colleges and universities, and research laboratories.

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