



BACTERIAL COLONY COUNTER

BCLC-205

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1. Introduction

The Bacterial colony counter is a digital display for counting the germs, it is made of a counter, pen, counting cell. The counter is made of CMOS integrated electric, LED Nixie tube. The word height is 15mm (6"), it is clear and bright, works in a private use pen, it is sensitive and accurate, and the light source is adjustable.

There are lights in the counting cell, it is clear of colony parallel. It is convenient to observe. Could be adjusted by pressing "▲" or "▼". There is an alarm to ensure counting is correct. The number is 0-999. If I needed to restart, I could press the "reset" key. The magnifier can be adjusted to a suitable position with a flexible arm. The magnification is up to 3X. This equipment could lessen the experimenter's labor intensity, increase the efficiency and quality. It is widely used for bacterial inspection of food, drink, medicine, biological, make-up, health products, water for drink, domestic sewage, and industrial water. It requires equipment of all kinds' health station, environmental monitoring centre, food hygiene, testing centre, hospital, Institute of biological products, laboratory for the control of drugs, Commodity Inspection bureau, the made-up factory, the laboratory of university and scientific research institutions.

2. Technical Parameter

The volume of LED: 0-999

The height of the word: 15mm (6")

Light power: 15W

Total power < 40W

Voltage: AC100-240v (50/60HZ)

Colony center diameter: Ø155mm

Suitable Petri Dishes: Ø50-Ø150mm

Dimension: 360x300x180mm

Weight: 4 KG

Have the function of counting in bidirectional

Coaxial lighting, 3 times enlargement, 9 times enlargement

3. The way to use

3.1 Connect the power, open the lamp in the counting cell when the monitor shows "001", insert the sensor and push the "reset" key.

3.2 Put the sample into a culture plate.

3.3 Press the red button on the machine side for opening the light under the counter plate. You can also adjust suitable brightness by screwing the side knob.

3.4 If the brightness of the under light is not enough for observation, just press the button beside the magnifier to open the upper light (Double LED lamp with four 11.6mm button cells supplying power, standard configuration). Do pull out the insulating plastic strip when using the upper light at first time.

3.5 Count the colony in the plate with the sensor one by one. At this time, the colony is colored and buzzer sounds which means the counting is ok. On the monitor, the numbers are added automatically.

3.6 Check with magnifier to ensure the counting is correct. (If error happening when counting by the touching pen, continue the counting by pressing △ or ▽)

3.7 The last number in the monitor is the colony in the plate.

3.8 After the operation, please take out the culture plate. Push the "reset" key and the monitor returns to its original state.

4. Attention

The equipment should be put on the substance, flat surface;

When counting, the pen should not too incline;

The equipment should be moisture proof, no strenuous vibration, insolate proof, acid base corrode, and should use the dust cover after finishing use.



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