Colony Counter IJ-3





Summarize:

The Bacterial colony counter is a digital displayer for counting the germs, it is made of counter, pen, counting cell. The counter is made of CMOS integrated electric, LED Nixie tube. The word high is 15mm (6”), it is clear and brightness, work in private use pen, it is sensitive and accurate, there are two kinds of light source, and it 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 alarm to ensure counting correct. The number is 0-999. If need to restart, could press “reset” key. The magnifier can be adjusted to suitable position with flexible arm. The magnification is up to 3X.

This equipment could less the experimenter’s labor intensity, increase the efficiency and quality. It is widely used for bacilli inspection of food, drink, medicine, biological, make-up, health products, Water for drink, domestic sewage, and industrial water. It is the required 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.

Technology parameter:

- The volume of LED: 0-999
- The height of the word: 15mm (6”)
- Light power:12W(Min.) 28W(Max.)
- Total power<50W
- Colony center diameter: ø155mm
- Suitable Petri Dishes: ø50-ø150mm
- Dimension: 360×300×180mm
- Weight: 4.3KG
- Have the function of counting in bidirectional
- Caxial lighting,3 times enlargement, 9 times enlargement

The way to use:

Connect the pen to the equipment, turn on the switch, and put the Petri dish on the white panel. Use the pen to count the colony on the surface of Petri dishes. There is color where have been counted, and if there is buzzer, it shows the counting is effective. The number on the display screen would be added automatic, check carefully with the magnifier, confirm all the dots have been counted. (If there is any miss, could use the key press of manual to count, LED show the quantity. After finishing counting, record thequantity on the paper, then recount again, compare with the number with the first time, if the quantity is same, the result would be more accurate,. Get out the Petri dishes, after recording, press “restart”, the screen would be back to initial status.

Attention:

a. The equipment should be put on the substance, flat surface;
b. When counting, the pen should not too incline;
c. The equipment should be moisture proof, no strenuous vibration, corrode, should use the dust cover after finishing use.

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