

Colony counter instruction

Overview

Colony counter is a kind of semi-automatic bacterial examination instrument with digital display. It is composed of counter, probe pen and counting pool. The counter is manufactured in integrated circuit design. Black depth background type counting pool, using energy-saving ring light side lighting, colony contrast clearly. According to the rule of bacterial count inspection, the instrument display is designed to be three digits. When the number of colony growth in a culture dish exceeds 999, the test sample should be diluted and redone to ensure the accuracy of count. This instrument can reduce the Labor intensity of the experimental personnel, improve the work efficiency and work quality. Products are widely used in food, beverages, drugs, biological products, sanitary products, drinking water, industrial waste water, clinical samples in the detection of bacterial count. It is a necessary instrument for all levels of health and epidemic prevention stations, environmental monitoring stations, food safety, hospitals, biological products institutes, drug control institutes, food factories, daily chemical factories, universities, scientific research institutions and laboratories.

Main parameter

Model number	JL-1	JL-1C	JLY-2	JLY-2C
Counter capacity	0-999			
Led Lamp Power	7W			
Magnifying power	3-6 times			
Charging function	NO	YES	NO	YES
Charging standby time	NO	A month	NO	A month
Sound off	NO	NO	YES	YES
Supply Voltage	DC12V			
Counting pool size	φ110MM			
Colony pen	Two			
Overall size	230×300×85MM			
Weight	2KG			

Method of use

A. When the power is switched on, the light in the counting cell of the toggle switch is turned on, and the display screen shows something 000 something. The probe plug is inserted into the socket of the instrument.

B. In a petri dish

C. Use a feeler pen on the bottom of the Petri dish to count all the colonies one by one. Each point should be heard before the beep sound effective, otherwise should focus. At this point, the colonies are colored and the numbers are automatically added up.

D. Check carefully with the magnifying glass, make sure the count is complete.

E. The number on the display panel is the colony count of the culture dish. F. Record the number and remove the Petri dish. Press the reset button, the display screen into the initial state.

Points to note

A. The instrument should be placed on a flat and firm surface for use.

B. Count the colony, the pen do not too inclined, gently down to a bounce feeling, the number is input.

C. The instrument should be moisture-proof, anti-violent vibration, anti-direct sunlight exposure, anti-acid-base erosion, should be added after the dust cover.

D. CARE must be taken to prevent contamination of the counting pool by bacterial cultures.

E. The instrument and probe pen can not be disassembled at will. If the fault is found, it should be checked by experienced technicians.