



COLONOMETER BEP1T1 (BCLC-203)

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COLONOMETER

Colonometer is an instrument used to automatically count the number of cells or colonies present in a sample. They are capable of determining the number of cells, whether they are viable. Colony counters are used to estimate a liquid culture's density of microorganisms by counting individual colonies on an agar plate, Petri dish, Slide or mini gel.



1. It is a high-tech colony counter, known for its user-friendly functions and excellent ergonomics. It can accurately count all the culture media (culture dishes, filters) used in microbiology.
2. Place the petri dish on the pressure-sensitive glass surface, and you can use any felt-tip marker to press and count, and there will be a pleasant beep when counting, and the accumulated data will be displayed on the LED screen immediately. The touch sensitivity of the pressure sensor can be adjusted to adapt to different culture vessels and user habits. With the function of manually increasing or decreasing the counting button, the repeated counting or missing counting can be corrected during operation.
3. The internal LED lighting system is glare-free and the luminosity is adjustable.

SPECIFICATIONS

Model	BEP1T1
Old Model	BCLC-203
Lighting	White LED array
Digital display	3-digit LED display
Counting range	0-999
Counting method	Pressure sensitive
Applicable petri dish	Ø50-90mm
Input voltage (Frequency)	AC 100-240V (50-60Hz)
Input power	20W
Magnification	3 times / 9 times
Protection class	IP21
Allowable relative humidity	80%
Allowable ambient temperature	5-50°C
Dimensions	255x210x160mm
Loupe size	Ø90mm / Ø20mm
Net weight	2.8Kg
Alt Name	Colonometer

FEATURES

1. It is a high-tech colony counter, known for its user-friendly functions and excellent ergonomics. It can accurately count all the culture media (culture dishes, filters) used in microbiology.
2. Place the petri dish on the pressure-sensitive glass surface, and you can use any felt-tip marker to press and count, and there will be a pleasant beep when counting, and the accumulated data will be displayed on the LED screen immediately. The touch sensitivity of the pressure sensor can be adjusted to adapt to different culture vessels and user habits. With the function of manually increasing or decreasing the counting button, the repeated counting or missing counting can be corrected during operation.
3. The internal LED lighting system is glare-free and the luminosity is adjustable, which makes the colony form a sharp contrast view to adapt to the difficult-to-observe microorganisms in the culture container. The grid size is moderate, which is convenient for accurate counting by blocks.
4. The large frameless magnifying glass (which can achieve magnification of 3 times or 9 times of observation and counting) and the unique upper light source compensation illumination make the microbial appear completely, and the

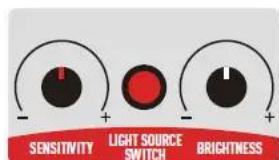
counting operation to be much easier.



Thoughtful design of the luminosity and sensitivity adjustment Analog dial for easy operation.



Intuitive counting with tactile pressure beeps.
LED long-life lamp, low heat and no wearing parts.
Any felt-tip marker available.



Pressure sensitivity adjustment Analog dial.
LED main light source brightness adjustment Analog dial.



LED display cumulative number.
Can be increased or decreased manually.
Reset button for zero and re-count.

APPLICATIONS

Pharmaceutical research, Environmental testing, Biological, veterinary, clinical and cosmetic laboratories, Water for drink, Domestic sewage, and Industrial water, bacilli inspection of food, drink.



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