



OVER VIEW

The colony counter with ss-304 make is an instrument that is commonly used to count colonies of bacteria or other microorganisms on a plate containing a gelled growth medium. A fully automated system would essentially consist of collecting images using any one of the digital image capturing devices such as document scanner/charge coupled device digital camera/webcam or video equipment. Colonies can be counted from pictures of plates using software tools. In automated systems, the objects and their backgrounds can be varied widely. Usually, one of the three methods of illumination can be selected to enhance visibility and increase accuracy. These are the following: transmission method, reflection method, and dark field method.



Standard Features

- Pressure sensing counting system, suitable for any marker pen.
- Compact structure design, small space occupation, suitable for various occasions.
- LED white light adjustable brightness energy saving lighting can provide the operator with an optimal colony count field of view.
- When counting, an audible prompt confirms every count.
- Unique upper light source compensation lighting, easy to count the colonies that are difficult to be served.
- Wide voltage design, effectively avoid the interference of the unstable network power supply to the instrument.

Magnifying glass

- Magnifying Glass for magnifying the object.
- Magnifying Glass have use of good quality glass for clear visibility.
- **Printer facility also available in this model.**

Detailed display



Force touch counting chamber



Switch Knob



LED display

Technical Parameter

| MODEL | BS-CC-GMP-3D | BS-CC-GMP-3D | BS-CC-GMP-3D |
|--------------------------------|-------------------------|-------------------------|-------------------------|
| Lighting | Matrix LED(White light) | Matrix LED(White light) | Matrix LED(White light) |
| Digital display | 3 digits | 4 digits | 5 digits |
| Counting range | 0-999 | 0-9999 | 0-9999 |
| Counting method | Touch pen | Touch pen | Force touch |
| Compatible petri dish | 50-90mm | 50-90mm | 50-90mm |
| Input voltasge(frequency) | AC 100-240V(50/60Hz) | AC 100-240V(50/60Hz) | AC 100-240V(50/60Hz) |
| Input power | 20W | 20W | 20W |
| Magnification | 3-9 Times | 3-9 Times | 3-9 Times |
| Protective class | IP21 | IP21 | IP21 |
| Permissble ambient temperature | 80% | 80% | 80% |
| Permissible relative moisture | 5-50°C | 5-50°C | 5-50°C |
| Dimensions | 255×210×160mm | 360×300×180mm | 255×210×160mm |
| Net Weight | 2.2kg | 4.0kg | 2.8kg |

Applications of Colony Counters

Colony counters are used in various research laboratories, including

- Life sciences, cell and molecular biology
- Pharmaceutical research
- Environmental testing
- Academic laboratories, and more.



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