

AUTO COLONY COUNTER

The automatic colony counter is an advanced instrument in microbiology testing, widely used in testing bacteria in food, pharmaceutical, biological, cosmetics and hygienic products. There is only one switch on the instrument, which enhances device longevity. The whole colony-counting process is completed on the software on the PC. The HCC-90A and B series have a separate laptop included.

Flexible Usage

Applicable on different culture medium such as PetriFilm™, MC-media Pads™, Compact Dry™, Easy Plate™, etc. The counters can be used with traditional pour, surface, spiral, circle mode plated dishes, etc.

Good result repeatability and accuracy

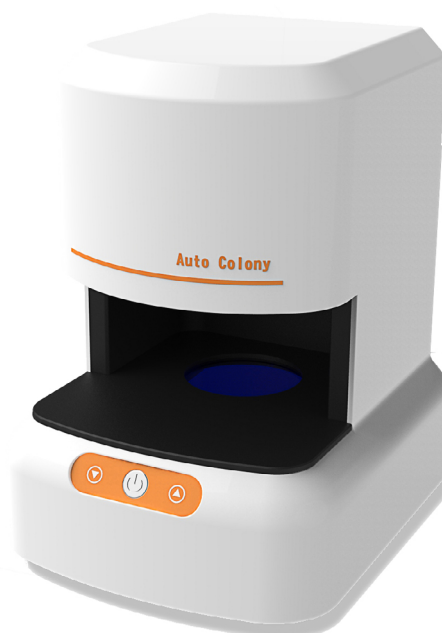
Can automatically correct disruption from the petri dish and cut up flaky colonies.

CMOS camera

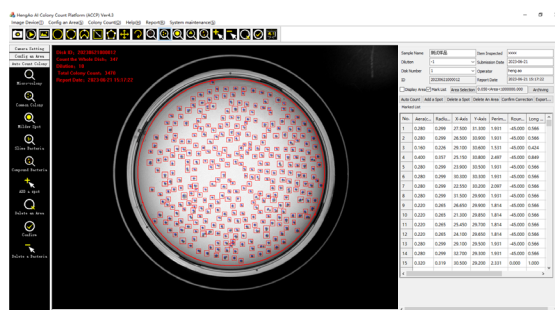
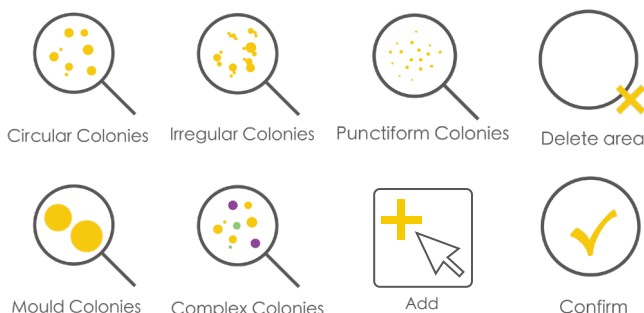
Produces images with high definition and accuracy. Optional combinations of light sources and background colours. Transmission light is adjustable.

Data Export

Data can be exported to Excel and printed as a data report. Colony pictures and results can be searched using dates.



HCC-90A/B

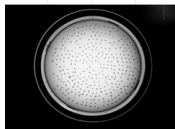
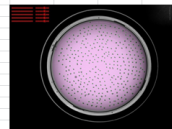


Included:

Auto Colony Counter x1, Laptop (*HCC-90A/B only)(Software Included) x1, Power Cable x1, Instruction Manual x1

Model	HCC-90A	HCC-90B
Camera Resolution	5 MP	12 MP
Petri Dish Size	90mm	
Background	Black/White/Multi-Colour	
Colony Resolution	<0.1mm	
Light Source	LED	
Counting Time	<0.5s	
Weight	0.8kg	
Dimensions	320x230x230mm	
Connectivity	USB	
PC requirement	Intel(R)Core i7, RAM 8GB Laptop included for HCC-90A/B	

Colony Technology Test Report

Sample No.		Item Insp	xxxx
Inspection Unit:		Submission	2023-06-21
Disk Number	20230621000012	Dilution	-1
Inspection Method:			
Inspection results			
Colony Image	Counted Image		
			
Colony Count	347		
Total Calc	3470		
Operator	hang ao		

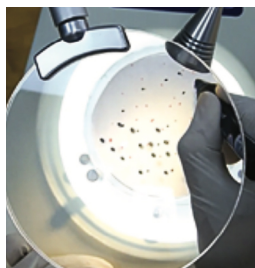
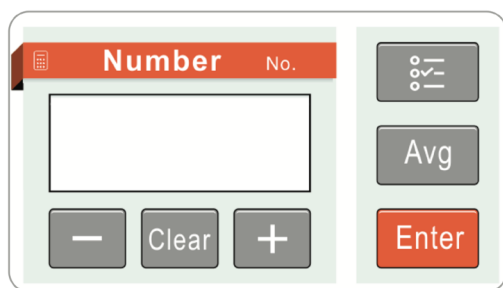
COLONY COUNTER

This colony counter enhances manual counting and reduces the rate of human error. Place the petri dish on the electronic pressure sensor mat then touch colonies through the mat with the touch pen according to priority. Count results will be automatically displayed on the screen. There are sound effects to ensure the counting is correct. (Sounds can be chosen according to demand). This instrument suits for many kinds of touch pens. The sensitivity can be adjusted.



HCC-01/02

- Semi-automatic touch count.
- Magnifications up to 3X and 6X.
- Light and shade of background can be chosen.
- Adapted to any touch pen.
- Return to zero function.
- Adjustable sensibility of touch surface and counting beeps.
- The HCC-02 can be connected to the computer. Data can be exported to Excel.



Included:

Colony Counter x1, Magnifying Glass Attachment x1, Lamp Attachment x1, Gel Pen x1, Petri Dish x1, Petri Dish Rack x2, Power Cable x1, Instruction Manual x1

Optional:

Multi-colour light source remote control

Series	HCC	
Models	HCC-01	HCC-02
Counter Range	0-999	
Petri Dish size	60-150mm	
Light Source	LED	
Weight	2.5kg	
Dimensions	260x260x140	
USB Connectivity	-	✓