



# Automatic Colony Counter LCCA-A1 Series

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Automatic Colony Counter LCCA-A1 Series is equipped with high resolution CCD Camera lens. Incorporated with advanced Smart Counter software for accurate automatic microbial colony counting. Open platform design, bottom LED light source makes it user friendly counter. Encrypted USB-key guarantees data security, and convenient data management.

### Features


- ➔ Bottom LED light source
- ➔ High resolution CCD Camera lens
- ➔ Smart counter operational interface
- ➔ Automatic data processing and storage
- ➔ Quick counting of the number of colonies
- ➔ Distinguishes 8 different colored colonies
- ➔ Manual addition and deletion of colonies
- ➔ Can set unwanted (non-countable) area

### Applications

Used in automatic colony counting, reading for quantitative studies, quality and research purpose across microbiology, hospitals, cosmetic, food industries, and pharmaceuticals units.

### Specifications

Model No.	LCCA-A10	LCCA-A11	LCCA-A12
Camera	True Color high definition CCD camera	True Color high definition CCD camera	True Color high definition CCD camera
CCD Resolution	5,000,000 pixels	10,000,000 pixels	16,000,000 pixels
Counting Software	Smart counter software	Smart counter software	Smart counter software
Language	English	English	English
Colony size resolution	> 0.1 mm	> 0.1 mm	> 0.1 mm
Colony color recognition	8 colors	8 colors	8 colors
Applicable methods Plate type	Spread plate, Pour plate, Membrane filter, Spiral plate	Spread plate, Pour plate, Membrane filter, Spiral plate	Spread plate, Pour plate, Membrane filter, Spiral plate
Counting speed	300, less than 3 seconds	300, less than 3 seconds	300, less than 3 seconds
Light source	Long life dual LCD light	Long life dual LCD light	Long life dual LCD light



Working temperature	0 to 50°C	0 to 50°C	0 to 50°C
Material	ABS plastic	ABS plastic	ABS plastic
Size of Petri dish	90 mm and 55 mm standard	90 mm and 55 mm standard	90 mm and 55 mm standard
Host Dimension	290 × 260 × 380 mm	290 × 260 × 380 mm	290 × 260 × 380 mm
Weight	3 kg	3 kg	3 kg
Power	20 W	20 W	20 W
Power supply	AC 110 to 220 V, 50 Hz	AC 110 to 220 V, 50 Hz	AC 110 to 220 V, 50 Hz