

From Hours to Seconds: The Colony Counting Solution

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In manual counting, scientists spend an average of 5 minutes per petri dish, with an inherent risk of human error. The HAUK Tech Auto Colony Counter changes the game by delivering fast, accurate, and repeatable results in under 5 seconds. This scientific innovation ensures scientists spend less time counting and more time analysing crucial data.

The Auto Colony Counter is equipped with a high-resolution 12MP CMOS camera. It precisely detects even the smallest or faintest colonies. The device automatically adjusts for disruptions from Petri dishes and corrects flaky colonies, ensuring consistent results. It supports traditional pour plating, spiral inoculation, and other methods, making it a versatile solution for microbiology labs.

Various light sources and background colours, along with an adjustable transmission light, enhance visibility across various media types. Built-in UV-A lighting detects fluorescent colonies, improving accuracy in microbial identification. The integrated UV-C sterilisation system ensures a contamination-free environment after each use. This automatic sterilisation process eliminates cross-contamination, reducing the risk of errors and maintaining laboratory hygiene.

Data management is seamless. The Auto Colony Counter allows users to export results to Excel and print detailed reports. Researchers can set thresholds for colony size, colour differentiation, and enhance contrast, ensuring precise counting in complex environment.

Speed and precision define the HAUK Tech Auto Colony Counter. Unlike traditional manual colony counting which could be time-consuming and prone to human error, the Auto Colony Counter reduces this process to just 8 seconds, ensuring high-precision data with minimal effort. This efficiency allows scientists to focus on critical research instead of repetitive tasks.

Upgrade your lab with the HAUK Tech Auto Colony Counter—a breakthrough in laboratory automation that enhances efficiency, accuracy, and reliability. Let innovation drive your research forward with HAUK Tech!