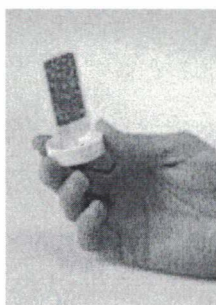


Culture Media & Supplies

#CM854MC for Total Bacteria Detection (Bacteria and Fungi) (10 slides per box)

Contamination by bacteria and fungi in aqueous industrial environments can be responsible for failures in productivity resulting in economic loss. Growth by bacteria in these systems can be responsible for corrosion, slime formation, foul odors, and decreases in fluid function. Fungal growth can also cause slime formation and objectionable odors, as well as plugging of fluid delivery.

In order to effectively treat contamination with biocide, levels of bacterial and fungal growth must be routinely monitored by microbial testing. The 854 dip slides makes determination of these microbial counts fast and easy and is unique in that both measurements can be made simultaneously. The 854 dip slides contain paddles coated with an agar culture medium. Each slide is complete and ready to use. No special equipment or training is necessary.



Using Dip Slides is as easy as 1, 2, 3

Each side of the dip slide is coated with a different medium, one side being selective for fungi and the other for bacteria. Almost all aerobic bacteria will grow on the side designated for those organisms. Their growth will be in the form of red dots, also known as colonies, on the surface of the agar. The dip slide is compared to a chart in order to get a quantitative interpretation of the results.

Most Fungi (yeast and mold) that contaminate aqueous industrial systems will grow on the 854 dip slide.

On the side designated for fungi, growth of yeast and mold will generally appear as cottony, filamentous structures. The reacted dip slide is compared to a color chart from which an estimated fungal count can be made.