Clever Solutions to Serial Dilutions
Inlabtec
Serial Dilution System

The Inlabtec Serial Dilution System modernizes serial dilution for viable plate counts of bacteria, yeast and mold in food, beverage, water, cosmetics, probiotics and other applications. By minimizing the amount of plastic needed for manufacturing, Serial Dilution Bags help to reduce plastic waste and achieve the lowest possible cost per dilution.

Serial dilution of samples is standard practice in microbiology. The preparation of filled test tubes as well as performing dilutions manually is laborious and time consuming. One replacement for the preparation of tubes is the use of disposable containers. But performing the actual dilutions still doesn’t get any easier. In addition, the bulky and relatively expensive consumables require a lot of storage space, produce large amounts of plastic waste and are shipped over long distances which results in additional costs and adverse environmental impact.

Serial Dilution Bags are an innovative, greener alternative to pre-filled containers. The sample is simply pipetted into the bag and automatically homogenized by the Serial Diluter. The fast and convenient sample dilution using the Swiss made Serial Diluter saves time without having to change the validated laboratory protocols.

The standardized mixing and dilution, as well as the super easy sample handling removes workload from the technicians and guarantees a consistent, reliable process.

The patented Serial Dilution Bags are very cost-effective and in addition, use at least 10 times fewer resources compared to conventional disposable containers.

At the same time workload and cost of consumables are greatly reduced - a clever solution that values both people and the environment.