

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 are 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.

Serial Dilution Bags



- Sterile and ready-to-use
- Reduces workload similar to using pre-filled containers
- Reduces consumable costs by up to 90 %
- Ten times less plastic waste than standard containers

Serial Diluter



- Intuitive, easy operation
- Works with all diluents
- Conforms to ISO methods

NEW! Serial Diluter UA: The universal solution

An integrated bag mixer automatically homogenizes the sample after pipetting into the diluent.

- Universal, suitable for all matrices including viscous high-fat or sugar-containing samples
- Optimum process speed achieved with all common types of pipette tips, filter tips etc.

Serial Diluter TA and SA: The original solution

The diluent flushes the sample in the tips into the bag for mixing and dilution.

- Specific for 1:10 homogenized samples, beverages, water etc.
- Optimum process speed is obtained using wide bore pipette tips (for example Inlabtec LO Pipette Tips)