



Simplicity through Reduction with Inlabtec Serial Diluter

September 9, 2016

WESSLING AG, located in Lyss, Switzerland, is a leading analytical service provider in the fields of environment, food, feed, water, consumer goods and cosmetics. It is part of the international WESSLING group of companies with 1200 employees at more than 30 locations in Europe and China. The consistent, ongoing optimization of the processes and services ensures the lab group its leading market position and a continuous dynamic growth.

In order to use the existing resources within WESSLING AG even more productively, an Inlabtec Serial Diluter was purchased for the microbiological food and water testing. After a brief introduction and habituation phase, the laboratory team appreciates the simple fast precise and comfortable work.

Prior to the introduction of the serial diluter, the lab team had to clean, to fill, to cap and to sterilize test tubes before pipetting and vortexing 1 ml of sample in 9 ml of diluent for a 1:10 dilution. All the work is now reduced to pipetting only. All other unproductive work steps have been eliminated because the clever Inlabtec system uses sterile, highly pure disposable bags, thus eliminating the costly preparation of test tubes. The performance of serial dilutions is now a fast, standardized process, which eliminates errors and inaccuracies by careless pipetting or insufficient vortexing. The reproducibility and the quality of the testing results have been further improved. Person-dependent differences for the determination of plate counts have been reduced to a minimum.

Serial dilutions with Serial Dilution System have now become simple and cost-effective for Wessling AG. In doing so, the employees and the environment were relieved, the accuracy and reliability of the analytical results increased once again and thus the risk for inaccurate findings further reduced.