



## Consumer Protection Agency Chooses Inlabtec Serial Dilution Systems

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The Aargau Consumer Protection Agency, Switzerland, decided after extensive method verification and several months of practical tests to equip their food control laboratory with three Inlabtec Serial Dilution Systems and to decommission their existing systems.

The Inlabtec systems were procured because of the increased productivity and profitability benefits they offered over Aargau's existing serial dilution systems. In particular the lab manager and staff were impressed at the Inlabtec Serial Diluters speed and reliability, ease of use, its ability to eliminate traditional sources of dilution errors and an 85% reduction in consumable costs compared to their existing system that uses prefilled cups.

With the Inlabtec Serial Diluter it is possible to mix and dilute a sample in a single step which integrates dispensing and mixing enabling you to achieve perfect serial dilution every time

In comparative tests, the verifications of serial dilutions were performed with test tubes (standard method), with the existing Aargau system and with the Inlabtec System followed by viable cell counts of E. coli, B. cereus and Coagulase-Positive Staphylococci. The three tested serial dilution methods resulted in identical viable cell counts.

Over several months of testing – a laboratory workstation was equipped with an Inlabtec Serial Diluter, which enabled a direct comparison with the existing systems using prefilled cups. In this comparison, the Inlabtec convinced by its ease of use, by the reliable working process which completely excludes dilution errors and the low consumable costs. As another big plus proved the optimized use of resources, e.g., significantly less waste and storage volume, lower transport costs, which is a plus for the environment as well as for the laboratory due to lower additional costs.