

RELEASE**easyFILL – Automated Dosing Station**

Milestone easyFILL frees the operator from reagent addition and dilution by automating these steps, with the additional benefits of reducing their exposure to concentrated acids and ensuring consistency of the process

**Aleviating Bottlenecks in Sample Preparation Workflow**

Sample preparation is a central part of elemental analysis and includes several manual and time-consuming steps. Reagent addition into digestion vials or vessels is a tedious and often unpleasant process that, in high throughput labs, requires a significant amount of time.

The easyFILL Automated Dosing Station addresses these latter challenges using a single platform that ensures the automation of reagent addition and dilution, finally ensuring superior workflow for the lab and higher safety for the operator.

✓ LESS HANDLING TIME

easyFILL is fully controlled by a touch screen terminal with customized software. For routine processes the operator simply recalls a stored method with the type and volume of reagents as well as the number of positions in use. Availability of the reagents in the bottles and the waste volume are tracked by the software, so that the operator knows when it is time to refresh a reagent bottle or empty the waste tank. Moreover the software integrates a guided procedure to calibrate the pump, in just few minutes.

✓ ENHANCED SAFETY

Handling of concentrated acids and the use of pipettes under a fume hood could expose the operator to the acids. easyFILL automates these processes and avoids acid handling. The built-in exhaust further enhances the safety of operations by diverting any acid vapours to the lab extraction system.

✓ CONSISTENCY OF RESULTS

The dispensing accuracy of the easyFILL pump ensures great reproducibility, while the hands-off approach and the use of high-purity PTFE for all the acid lines avoids risk of contamination. Moreover, the automatic cleaning of the lines, built into the sequence, avoids contamination when different reagents are dosed.

✓ HIGH FLEXIBILITY

easyFILL offers great flexibility with a wide variety of racks to accommodate most digestion vessels and even two sets simultaneously such as two ultraWAVE racks. The system handles up to six reagents at a time (such as HNO₃, H₂O₂, HCl, HF) matching most application needs. easyFILL comes into play before the digestion for acid addition and after for pre-dilution or for acidification of the digested solutions. Moreover, easyFILL is compatible with ICP autosampler racks to avoid additional handling.

Find out more at [easyFILL Automated Dosing Station](#)



MILESTONE
H E L P I N G
C H E M I S T S

YOUR LAB PARTNER FOR
IMPROVED WORKFLOW AND
ENHANCED SAFETY

Free your laboratory from tedious and error-prone tasks!

easyFILL Station frees the operator from reagent addition and dilution by automating these steps. It eliminates operator exposure to concentrated acids and ensures consistency of the process.

WEBSITE

VIDEO

ENHANCED SAFETY

LESS HANDLING TIME

CONSISTENCY OF RESULTS



easyFILL

Automatic Reagent Dosing Station

Learn more at www.milestonesrl.com/easyfill