

Thermo Fisher Introduces InstaFlux to Simplify Food Microbiology Workflows

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New media-on-demand workflow designed to help food testing laboratories simplify media preparation and support traceable enrichment workflows



Thermo Fisher Scientific announced the global launch of Thermo Scientific InstaFlux, an integrated media-on-demand enrichment workflow that helps food microbiology laboratories simplify media preparation, improve productivity and enhance sample traceability.

Food testing laboratories face growing pressure to process more samples, meet turnaround expectations and maintain consistent quality while managing staffing constraints, sustainability goals and increasingly complex workflows.^{1 2} The InstaFlux workflow enables laboratories to prepare media on demand in less than 30 minutes and supports a simplified process to sample incubation. The workflow can help reduce media prep labor by more than 80 per cent, support greater than 35 per cent workflow cost savings and lower water and energy consumption by up to 90 per cent, depending on laboratory workflow and operating conditions. Rather than preparing and storing large batches of enrichment media, laboratories can prepare only the media they need when they need it.

Unlike traditional batch-based media preparation, which often requires planning, autoclaving, bottle handling and media storage, Thermo Scientific InstaFlux enables laboratories to prepare enrichment media when needed. "As food testing demands continue to grow, laboratories need solutions that help them do more with the resources they have," said Claribel Purcell, interim president of the microbiology business at Thermo Fisher Scientific. "Thermo Scientific InstaFlux reflects our commitment to helping customers modernize enrichment workflows through a simpler, on-demand approach that supports productivity, traceability and long-term operational sustainability."