

Pressrelease

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Augmenting the Productivity of Secondary Screening The Labcyte POD™ 810 Plate Assembler

Labcyte has developed the POD™ 810, an integrated "Plate-On-Demand" workstation controlled by a revolutionary intellectual scheduler to increase the productivity of secondary screening labs.

The POD™ 810 incorporates Labcyte's award winning Echo® acoustic droplet ejection technology reducing compound consumption to nl-volumes. The workstation incorporates software tools for most efficient cherry picking and "dose-response curve" preparation tasks.

With the revolutionary intellectual scheduler assay-ready plates are prepared on-demand. Unlike traditional sequential schedulers, the intellectual scheduler is event-based, with built-in intelligence to automatically optimize the workflow. The intellectual scheduler was developed to maximize productivity and to minimize user intervention, resulting in an out-of-the-box solution that allows users to be up-and-running within days.

With the POD™ 810 assembler up to 1400 12-point, six-log, dose-response curves can be prepared each hour. The throughput and quality of results achieved with the POD™ 810 plate assembler suggests screening a larger number of compounds against a wider range of targets. This leads to faster identification of new drug candidates.

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