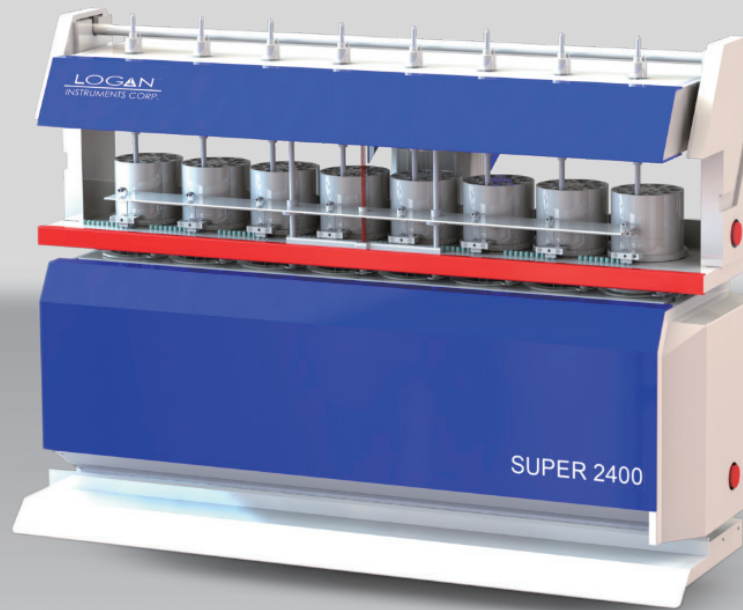


Logan Fully Automated Dissolution System

The Logan PELogan System 2400 is the only fully automated dissolution testing system that is designed and manufactured in the USA. Logan System 2400 can run 10 batches in accordance with USP 1 or 2 from media delivery to analysis unattended. All stages of the dissolution process are computer coordinated and carried out entirely without user intervention.



This system precisely delivers, preheats, and degasses media into 8 dry-heat vessels removing the added complication of a water bath. Each vessel has bottom and side cameras to record the dissolution for subsequent viewing and result verification. After the test is over, the vessels automatically empty the media, they are then sprayed, washed, and blow-dried, ready for the next 9 batches of test samples.

Logan System 2400 is equipped with two types of filter changers. The Super 2400 dissolution tester includes an automated filter changer for online UV analysis. An additional membrane filter changer is available for sample collection for offline HPLC analysis.



Online UV analysis



Filter changer for collection of samples for offline HPLC analysis



PVT 800

Logan PVT 800 toolset performs and records dissolution Performance Validation Testing (PVT) electronically, removing the uncertainties of manual recording. Logan PVT 800 toolset includes a temperature sensor, speed detector, vertical/horizontal, height, vibration, and centering gauges, etc. The PVT report is displayed on the PC screen, the data can be recorded in the hard drive and printed. With this advanced toolset, user intervention in the data-transferring process is eliminated. Logan PVT 800 toolset further improves compliance with FDA CFR 21 part 11.