

Dissolution -UV Online Analysis System

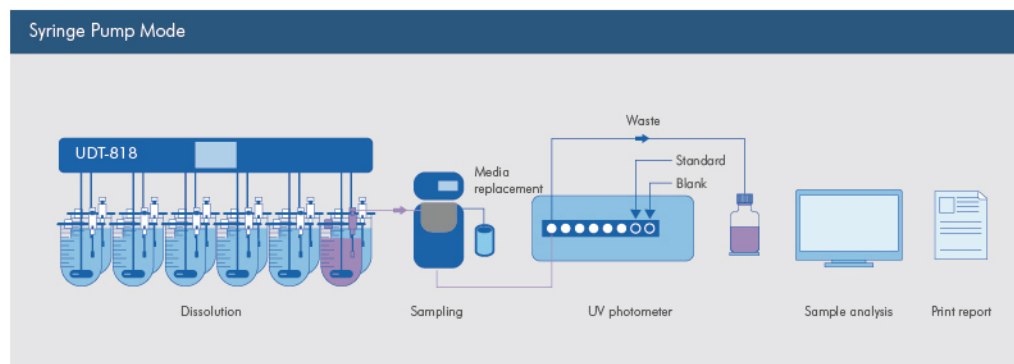
LOGAN dissolution-UV online system combines dissolution tester, transfer pump and UV photometer. These modules are all controlled by the LOGAN ADUV automated dissolution UV software program running on PC, which automates from tablet dropping to dissolution reports printing. Dilution is one of the unique functions.

The system design meets the requirements of USP, EP, BP, JP and ChP, and offers basic functions including audit tracking, authority management and electronic signature. It meets the relevant regulations of FDA 21 CFR Part 11 and GMP/GLP, and comprehensively meets the data integrity requirements of the pharmaceutical industry.



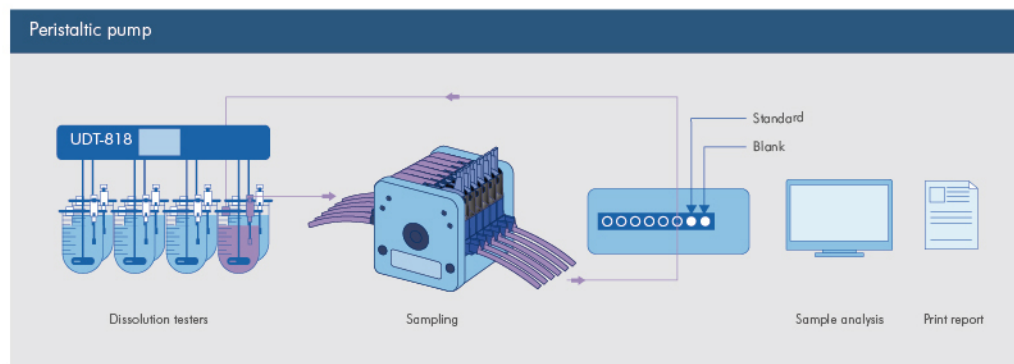
Syringe Pump Mode

In this mode, a syringe pump is used to combine UDT series dissolution tester with UV photometer. After each sampling and analysis, the sample will not return to the dissolution vessels, which will be replenished with fresh media. This mode allows continuous dissolution of 6 or 12 vessels.



Peristaltic pump mode

In this mode, a peristaltic pump is used to connect UDT series dissolution tester with UV photometer, where the samples are transferred to UV cuvettes for analysis by the peristaltic pump. After analysis, the samples are returned to the dissolution vessels.



ADUV Software program

ADUV dissolution software program provides user-friendly interface, and edit dissolution test method. The software provides a variety of test methods and can directly print dissolution results. ADUV provides the functions of audit trail, and electronic signature, etc. It complies with FDA 21 CFR Part 11 and relevant GMP/GLP regulations, and comprehensively meets the data integrity requirements of the pharmaceutical industry.

