



SYSTEM ADLC 1200

Automated Dissolution HPLC System

- Simultaneous dissolution testing 6-12 samples
- Supports dual filtration
- Built-in dissolution accessory compartment for easy organization
- Online minimum sampling does not require media replacement
- Backlight kit for easier dissolution test observation
- Automated sample storage/injection/reagent addition
- Sample dilution
- Compatible with various brands of HPLC
- Supports data audit tracking, and complies to FDA 21 CFR Part 11 requirements



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Product introduction

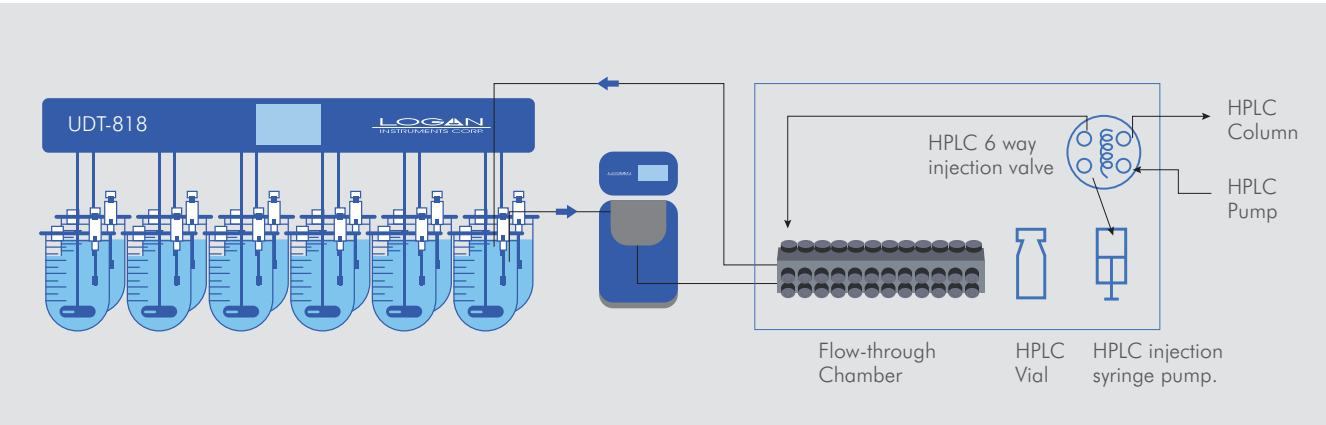
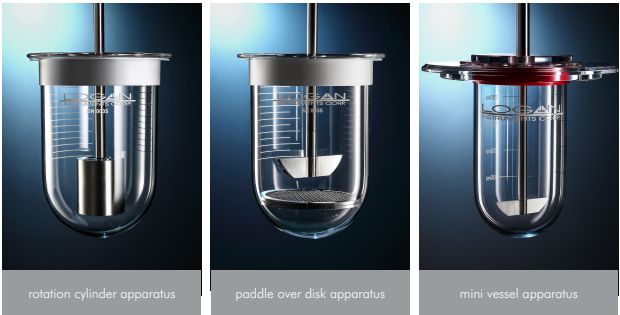
SYSTEM ADLC 1200 is an automated 12-position dissolution tester made with updated technology. It contains a UDT-818A-12 dissolution tester, SYP-1200 pumps, a sample injector, a detector, etc. This system can collect samples, provide dilution, perform media replacement, system self-cleaning, HPLC injection/analysis and generate dissolution reports.

Extended functions

- Expandable to 2 or 3 speed zones, which provides different stirring rate, and shortens R&D period
- Compatible with mini vessel apparatus, rotation cylinder apparatus, paddle over disk apparatus and flow-thru cell apparatus
- Compatible with basket/paddle method camera system, which can record dissolution image
- Temperature sensor in each dissolution vessel to examine and record temperature individually
- Includes dual vessel cover, totally eliminate media evaporation
- Supports remote monitoring on application

Applications

It is used for drug research and development, and can help operate dissolution testing on generic drugs (e.g. tablets, capsules, transdermal patches, gels, etc.)



Specifications

UDT-818A-12 dissolution tester		AS3100D sample injector		SYP-1200 syringe pumps	
Speed: 25 ~ 250rpm±1rpm Resolution: 0.1rpm Temperature range: room temperature ~ 45℃±0.1℃ Water bath: one-piece-molded clear water bath for easy observation Measurements: 94cm×60cm×64cm(L*W*H) Power: 220V/50-60Hz 110V/50-60Hz		Sample positions: 96 Flow-thru cell positions: 12 Repetition: RSD% < 0.5% Measurements; 49.5cm×36.0cm×37.0cm(L*W*H) Compatible with various brands of HPLC		Sample range: 1-10mL Sample precision: 0.1mL Sample positions: 12	
HPLC online analysis system					
High-pressure pump: Seal ring cleaning module Leakage detector		consistent temperature water bath: temperature range: room temp ~ 80℃ temperature control accuracy: 0.01		UV detector: Path length: 10mm Leakage detector	
				Chromatography station: audit tracking module software encryption	