



# SYSTEM 860DLA

## Automated Dissolution Sampling System - 12 Position

- Simultaneous dissolution testing for 12 samples, increasing efficiency
- Built-in dissolution accessory compartment for easy organization
- Supports dual filtration for easier operation
- Precise syringe pumps ensure accurate sampling and avoid human errors
- Capable of sample filtration, media replacement and dilution
- Backlight kit for easy dissolution test observation
- SYSTEM 860DLA ensures high reliability and validity of the experiments
- It has tight seal vessel cover design which limits media evaporation
- Data audit tracking function available and it complies to FDA 21 CFR Part 11 requirements





# SYSTEM 860DLA

## Automated Dissolution Sampling System - 12 Position

### Production introduction

SYSTEM 860DLA is an automated 12-position dissolution sampling system. It contains a UDT-818A-12 dissolution tester, a SCR-DL sample collector, a SYP-12L-10mL syringe pump and a DSC-800 system controller.

### Applications

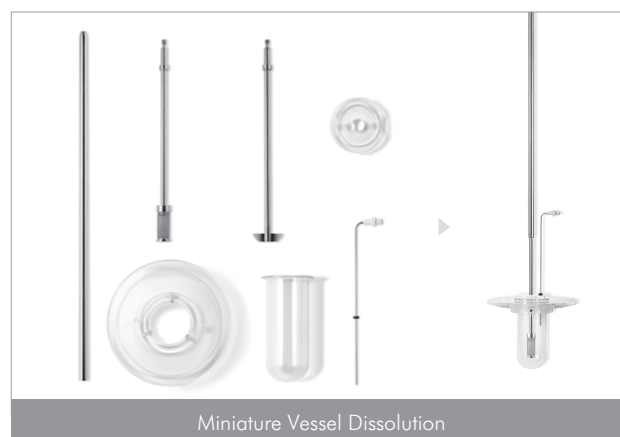
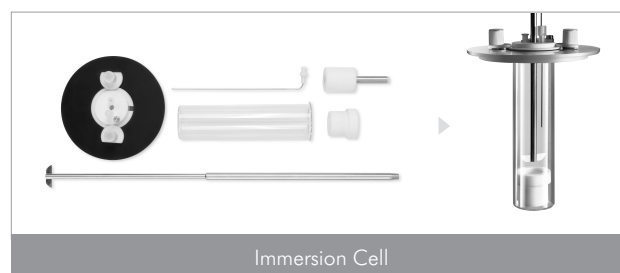
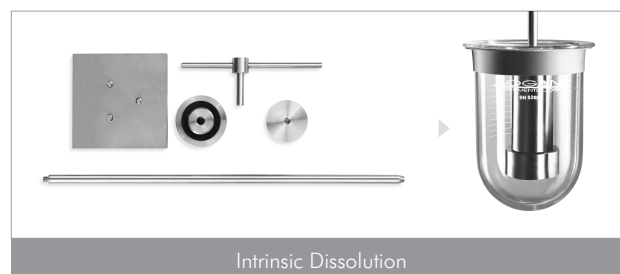
It is used for drug research and development, as well as for dissolution evaluation of generic drugs.

### 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
- UDT-812A-8 is compatible with UV, HPLC, fiber optics and dilution systems. It can perform online dissolution analysis
- Compatible with PERMETRO system to distinguish the permeation between generic drugs and original drugs, which can exist as a pre-BE study
- Remote monitor system which allows test status to show on mobile devices

### Special parts

Customized parts are available, e.g. intrinsic dissolution, immersion cell, etc. (intrinsic dissolution, immersion cell, miniature vessel dissolution)



### Specifications

UDT-818A-12 dissolution tester	DSC-800 system controller
Speed: 25 ~ 250rpm $\pm$ 1rpm Resolution: 0.1rpm Temperature range: room temperature ~ 45°C $\pm$ 0.1°C Water bath: one piece molded clear water bath Measurements: 94cm $\times$ 60cm $\times$ 64cm(L*W*H) Power: 220V/50-60Hz, 110V/50-60Hz	Sampling interval: initial sampling can be at 1 minute, after that, minimum sampling interval needs to be 3 minutes Supports multi-language operation Color touchscreen display Contains printer Measurements: 41cm $\times$ 70cm $\times$ 74cm(L*W*H) Power: 220V/50-60Hz 110/50-60Hz
SCR-DL sample collector	SYP-12L-10mL syringe pump
Capable of collecting up to 20 rows of samples Supports dual filtrations Sample racks for HPLC vials and glass tubes	Sample range: 1-10mL Sample precision: 0.1mL Sample positions: 12