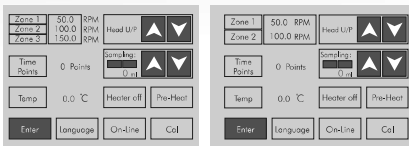
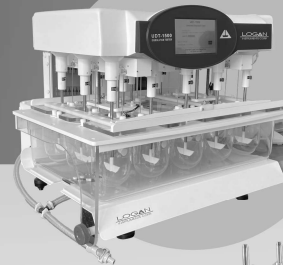
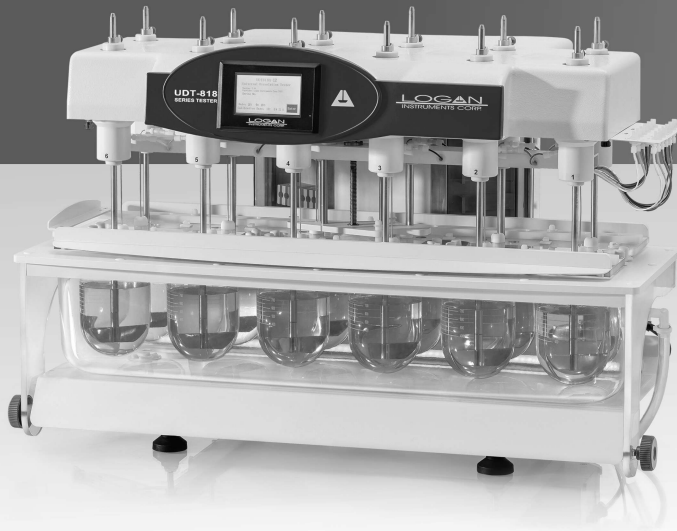


USP APPARATUS 1,2,5,6 AND MINI VESSELS

Dissolution Application Solutions



Speed Control Zones

One-speed-zone, two-speed-zone or three-speed-zone control system, which test drugs at different speeds under the same condition, saves time and improves efficiency.



Dissolution Camera Recording System

Tablet dissolution image for both Basket/Paddle methods can be recorded with a camera system for effective observation.

Basket Saver

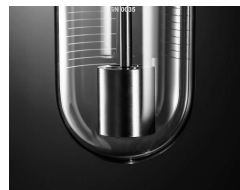
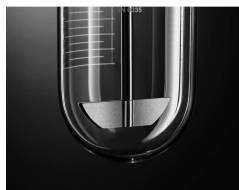
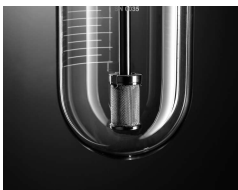
Through a patented design, basket saver provides fast and safe handling of baskets; the deformation of baskets can be avoided.

Integrated Design

Built-in accessory compartment stores paddle blades, baskets and other parts, making operation more convenient.

Unique Dual Vessel Covers Design

Effectively reduces solvent evaporation and ensure accuracy of experimental data.



Switch Among Dissolution Apparatuses

Equipped with different accessories, it can be applied to USP apparatus 1, 2, 5, 6 and small vessel methods.

SYSTEM 860/870 Series Automatic Dissolution Sampling System

SYSTEM 860/870 Series automatic dissolution sampling system applies modular design concept to perform fully dissolution-sampling, dilution, media replacement...etc., significantly improving dissolution efficiency and ensuring accuracy.

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



System 870 15-Position



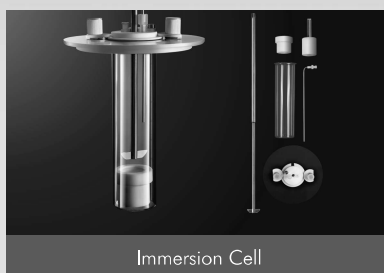
System 860 12-Position

Accessories

There are optional dissolution accessories includes intrinsic dissolution, immersion cells, peak vessels, and stationary baskets...etc. which can be applied to various special dosage forms.



Intrinsic Dissolution



Immersion Cell



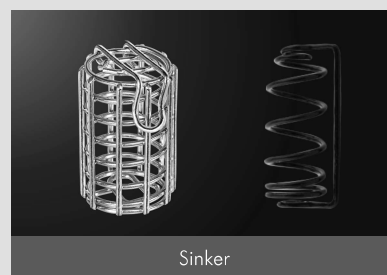
Small Volume Dissolution



Peak Vessel

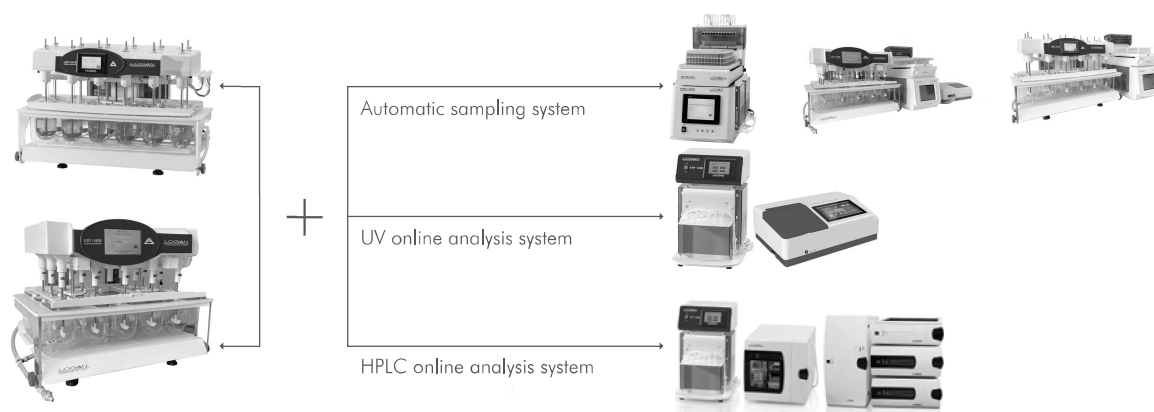


Stationary Basket 2000mL Water Jacket Beaker



Sinkers

Dissolution Online Analysis Systems



MDS-600PL Media Delivery System

MDS-600PL Media Delivery system is a new automated/portable media preparation and delivery system. It is designed to dispense accurate volumes of dissolution media and is compatible with all major brands of dissolution testers. The MDS-600PL fills 6 vessels simultaneously with a repeatable volume of better than +/- 0.5% of set volume. The media is degassed by heat, vacuum, filtration and high speed circulation. The MDS-600PL is equipped with a printer, which records the date, time, media type, volume and temperature. Oxygen dissolving level and pH level can be recorded from an external device.

- Mobile media delivery system
- The preparation system can be started with a timer
- High/low level alert
- Precision media volume accuracy and simultaneous delivery into six dissolution vessels
- Degassing method: heating, high-speed circulation, vacuuming and filtration

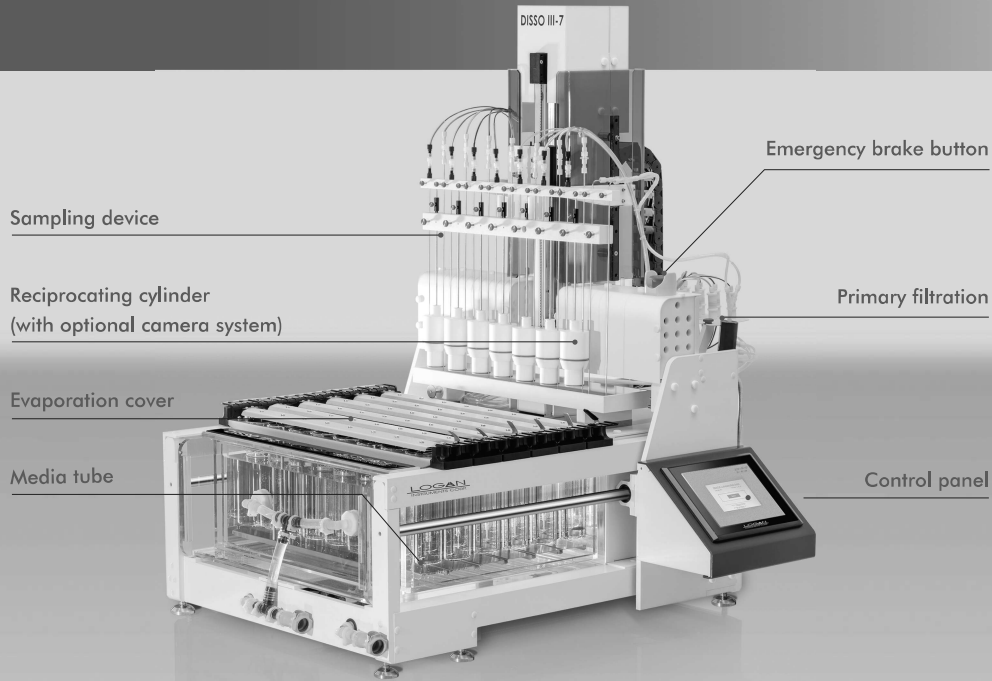


AVC-100HTP Automatic Vessel Cleaner

The AVC-100HTP is an Automated Vessel Cleaner that is equipped with a heater/timer, dual power jets and a powerful vacuum head. When the wash is active, one turbo-powered jet is rotating at 360 degrees to clean the dissolution vessel's internal wall surface; the other turbo power jet is sprayed from the top of the vessel. With this combination, the drug residue will be washed down to the bottom of the vessel and removed with a high powered vacuum. This extended wash head tubing allows dissolution vessels to be washed without removing them from the dissolution tester.

- On-site cleaning
- High/low level alert
- Designed with vacuum sealed cap
- Cleaning method validation available
- Synchronously interwall cleaning from top to bottom
- Compatible with various brand dissolution testers

SYSTEM ADR III-7 Reciprocating Cylinder/ Reciprocating Holder Method



Reciprocating Cylinder/Holder

Reciprocating cylinders/holders of various specifications are optional.



Samples Taken and Media Replacement

Individual sampling probe and individual media replacement probe work precisely to take samples.



Evaporation Cover

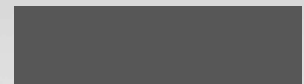
Each row of the media tubes is covered.



Camera System

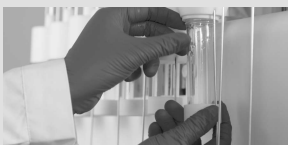
An optional camera system can be provided to observe and record the whole process of drug release.

Auto Cleaning



Easy Operation

The standard reciprocating cylinder and all sampling holders are easy to install.



Sampling

Pre-rinse sample lines before taking samples.



Automatic Sampling

DSC-800 dissolution system controller, SCR - DL auto sampler perform automatic sampling.



Customized service

LOGAN not only has USP Apparatus 1-7 dissolution testers, but also provides various customized design services to meet the research & development needs of various new drugs, such as testing of contraceptive rings, cardiac stents, hip stems, etc.

