

Logan UDT-1500 Dissolution Tester

Features:



- 15-positions test vessels with spindles
- Two-speeded control zones
- Compatible with the infrared camera system (optional)
- Built-in accessory compartment for easy and better organization
- Unique dual vessel covers design to eliminate evaporation
- Temperature sensor in each vessel
- Basket saver – the tool for quick and safe basket removal
- Mobile phones monitor system for dissolution status
- Support USP dissolution apparatuses 1,2,5 and 6...
- Three-level management system
- FDA 21 CFR Part 11 Compliance

The UDT-1500 Automated Dissolution Tester is the most recent dissolution tester on the market, featuring cutting-edge technology. The UDT-1500 has an embedded PC display and a modern user interface that focuses on the most important task: 100% USP compliant dissolution testing with no distractions or errors.

The UDT-1500 can test up to 15 vessels simultaneously in its standard configuration. The two-speed zone feature, which provides different stirring rates, allows for using two methods in the same test. This function significantly enhances efficiency. Three vessels in the center row serve as blank, standard, and media replacements. With other apparatuses such as mini vessels, immersion cells, and intrinsic dissolutions, the UDT-1500 can handle a wide range of dosage forms.

The design of 15 vessels in one unit saves floor space while also lowering operating, maintenance, and calibration costs significantly. The UDT-1500 performs highly accurate and dependable testing, resulting in long-term cost savings.

Logan's unique dual vessel covers design prevents evaporation. With an infrared camera recording system, the dissolution can be monitored throughout the testing procedure, even in a dark environment. Samples can be pre-loaded into a tablet dropping tray and dropped simultaneously. For different time-point testing, the tablet dropping tray can be divided into two separate trays. Each vessel's temperature sensor examines and records temperature individually. All these features are designed to ensure the validity of the dissolution tests.

The UDT-1500 offers a variety of options for connecting to an autosampler for offline analysis or UV devices, HPLC devices, and fiberoptic for online analysis. The remote system can monitor test status on mobiles. This enables you to check anytime you would like to. The UDT-1500 complies with **FDA 21 CFR Part 11 requirements**.

For more information, please contact Logan Instruments. Our website is www.loganinstruments.com. Our email is info@loganinstruments.com.

Specifications:

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| Drive/vessel positions: | 15 active spindles |
| Speed range: | 25~250rpm ± within 1rpm |
| Temperature range: | 25°C ~ 45°C ± 0.1°C |
| Shaft size: | 3/8" diameter |
| Water bath: | One-piece molded seamless tank |
| Heater: | 1000 watts |
| Weight: | 44lbs (20kg) |
| Operating voltage: | 110~120 at 50/60Hz or 220~240 at 50/60Hz |
| Centering: | Automatically line-up |
| Lifter: | Automatic motorized lift |
| Wobbling: | Less than 1mm, excess USP/EP/CP/ JP/ requirement |
| USB port: | Standard for soft copy |