

LOGAN UDT-804-6/8/12



Universal Dissolution Tester (USP 1, 2, 5 & 6)

The UDT-804 Universal Dissolution Tester is the newest apparatus for dissolution testing required by USP. This 8-vessel dissolution tester is designed for easy operation and built to operate continuously. The two additional vessels can be used for blank, standard or media replacement. Several options are available with the UDT-804 including: an Automated Sampling Manifold to interface the dissolution tester with other instruments such as UV or HPLC systems, a Tablet-Dropping Tray/one-piece vessel cover, a Control/Calibration/Validation Software package and an external printer. UDT-804 performance exceeds the requirements of USP, BP, EP and JP.

The newly redesigned UDT-804 contains numerous innovative features:

- **8-Spindle, 8-position configuration**
- **Self-centering vessel design and self-calibrating speed and temperature control system**
- **Electronic sampling height adjustment at different media volumes**
- **Space saving integrated built-in heater/circulator**
- **Re-calibration reminder system**
- **Automation-ready for online analysis with UV, HPLC and Fiber Optics Systems**
- **A large easy to read LCD display for Speed, Temperature and Time**
- **Password controlled on board menu driven software**
- **The no-vibration and self-calibrating design ensures all tablets dissolve at the true speed and same temperature**
- **The drive head is raised and lowered by a motorized lift, as is standard on all UDT-804 units**
- **An acid-resistant vessel plate and height adjustable platform seals the water tank to limit evaporation**
- **Auto-heat setting for preheating the bath**
- **Basket & paddle interchangeable shafts**

Specification:

Drive Positions	8
Speed Range	25-250 ±0.1 rpm
Temperature Range	Room Temp-45°C
Shaft Size	3/8" dia
Shaft Material	SS 316
Bath Construction	Clear seamless plexiglass
Heater	700W
Voltage	110V/50-60Hz, 230V/50-60Hz
Weight	120lbs. (55 kg)

System supplied complete with:

UDT-804	/6	/8	/12	/2L
8-Position Drive Head	1	1	1	1
Built-in External Heater/Circulator	1	1	1	1
RS-232 Communication Port	1	1	1	1
Power Lift	1	1	1	1
Seamless Water Bath	1	1	1	1
Vessel Cover (Round w/out Hole)	6	8	16	8
1000 ml Glass Vessel	6	8	16	
SS 316 Shaft	6	8	16	
SS 316 Paddle	6	8	16	
40 Mesh Basket Assembly	6	8	16	
Calibration Ball	6	8	16	
Hole Plug	2			

UDT-804 Optional Items:



EZ-SAM: Easy Sampling System



Automated Sampling Manifold



Automated Dropping Tray & Vessel Cover

Other Configurations for UDT-804:

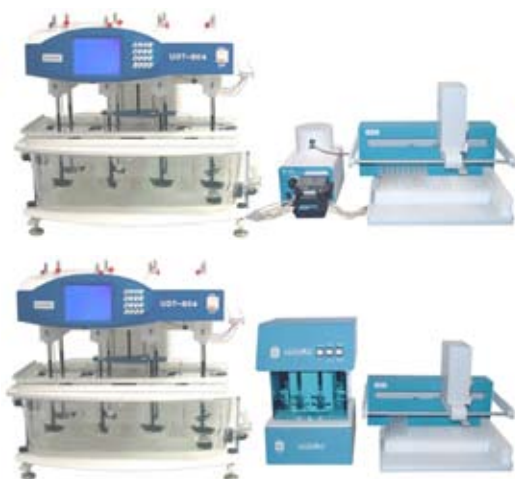


UDT-804-12

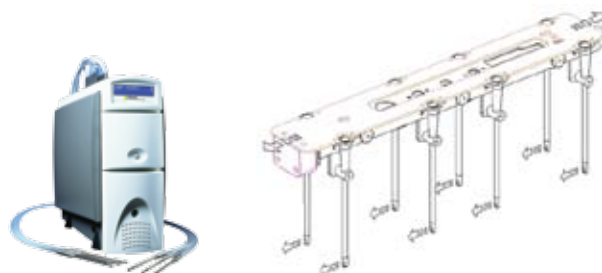


UDT-804-2L

Automation for UDT-804:



LOGAN SYSTEM 840/840V/850/850V
AUTOMATED DISSOLUTION PERI & SYRINGE PUMP SAMPLING SYSTEMS



FIBER OPTIC DISSOLUTION SYSTEM
LOGAN/PION FO DISSOLUTION SYSTEM



LOGAN SYSTEM 900A
AUTOMATED DISSOLUTION HPLC SYSTEM



LOGAN SYSTEM 800S
AUTOMATED DISSOLUTION UV SYSTEM

