

# Dissolution Tester

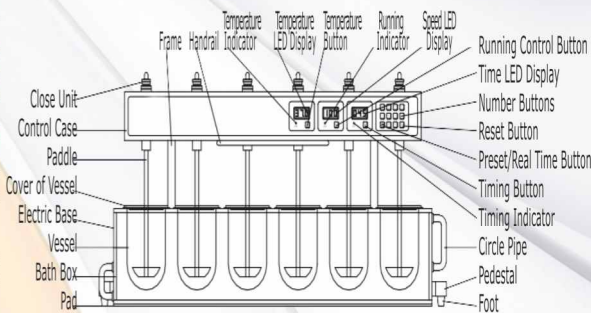
**VinSyst Dissolution Testers VDS Series** are widely used by Pharmaceutical Industries to characterize the Dissolution Properties of the Tablets, Capsules and Pellets. It basically tests the Active Drug Release and the Dissolution from a Dosage Formulation and develop a Quality Control Specification for its Manufacturing Process.

## VDS Series



### Features:

1. A MPU is used in Dissolution Tester to automatically control the Temperature, Rotational Speed and Time. The parameters can also be preset at any time.
2. It can be operated conveniently by using keys. Its measurement results are displayed on LED. The Preset and Real Time Data can be displayed separately in time.
3. The Circular Water Current can Heat the system, and the Bath Liquid can achieve an Even Temperature.
4. The Head Part of the Instrument can be turned over Smoothly and Flexibly, by Manual or Automatic Method.
5. It does a Self Test and Alarm Automatically.
6. Many points of Time Parameters can be timed. Gives Beep sound when done and Automatically runs the next Batch.
7. The Basket Unit and Paddle Unit are made of Stainless Steel.



### Specifications :

Model	VDS 1	VDS 3	VDS 6	VDS 8	VDS 8DS
Vessel	1	3	6	8	8
Pole	1	3	6	6	8
Speed Range	20~200 rpm				
Speed Accuracy	±2 rpm				
Temperature Range	Ambient to +45°C				
Temperature Accuracy	±0.3 °C				
Automatic Time Range	5~900 min		1~999 min	1~999 min	
Timing Accuracy	±0.1%		±0.1%	±0.1 %	
Paddle Radial Run-Out	±0.5 mm		±0.5 mm	±0.5 mm	
Basket Radial Run-Out	±1.0 mm		±1.0 mm	±1.0 mm	
Shaft Misalignment	±2.0 mm		±2.0 mm	±2.0 mm	
Heater Power	500 W		1000 W	1000 W	
Power	220V/50Hz/600W			220V/50Hz/1200W	
Dimensions (mm)	260 x 300 x 480	460 x 300 x 480	960 x 320 x 480	960 x 440 x 480	680 x 540 x 480
Weight	15 kg	35 kg	40 kg	47 kg	75 kg