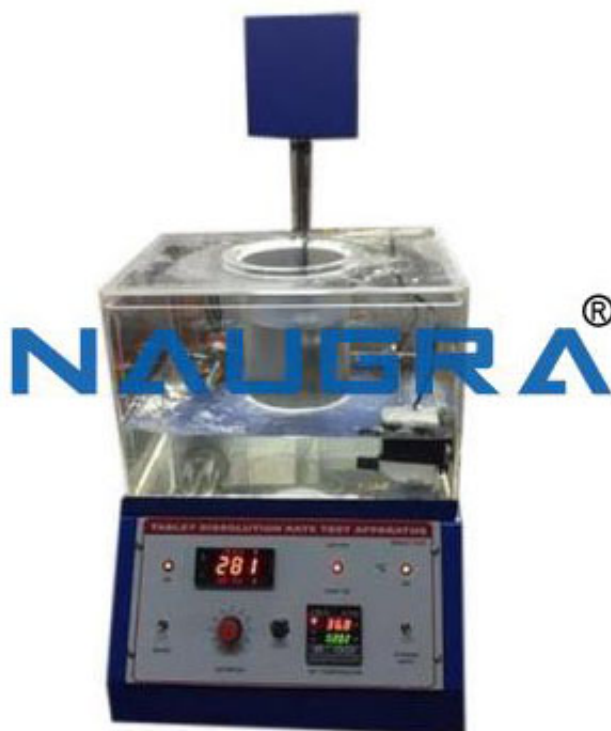


Product Name :
Tablet Dissolution Test Apparatus

Product Code :
ANL-DTA-0001



Description :

Tablet Dissolution Test Apparatus

Technical Specification :

Extremely useful for pharmaceutical labs

Highly accurate and easy to operate

High stirrer speed accuracy

uP based stirrer speed control

Tablet Dissolution Test Apparatus is an instrument for the determination of active drug ingredient in any pharmaceutical formulation – tablet or capsule as per USP, BP and IP specifications.

This apparatus evaluates adequate bio-availability and provides necessary information to formulate in the development of therapeutically optimum dosage forms.

This dissolution testing device plays an important role in product development, quality control and research.

Single Test Dissolution apparatus consists of constant temperature, acrylic water-bath in which dissolution vessel is placed.

Dissolution medium specific for tablet /capsule formulation is added into this dissolution vessel.

Tablet or capsules are introduced in the vessel.

The stirrer speed is accurately controlled and maintained at ± 1 rpm by microprocessor based speed controller and the temperature of the water-bath is accurately maintained at $\pm 1^\circ\text{C}$ by a very sensitive thermostat.

The microcontroller, elegant design and advanced features make this instrument state-of-the-art dissolution testing apparatus. The analysis is performed as directed in the individual monograph.

Specifications:-

Stirrer
25-200 RPM + 1 RPM

Resolution

Accuracy

Depth Adjustment

Temperature

Range 0C

Accuracy

Temperature Control

Sampling

Reaction vessel	Stirrer pedal and basket
Heater	
Power	$\pm 10\%$ AC, 50 Hz
Dimensions	320 x 375 mm (Approx.) (L x B x H)
Weight	(Approx.)
Main features	
Main unit with acrylic tank and rectangular cover plate	
Reaction vessel - capacity 1000 ml	
Round acrylic cover plate with hole and a large slit	
Stirrer motor with tightening knob	
S.S. paddle, stirrer shaft and clamp, stainless steel wire mesh basket, glass thermometer, s.s. support rod fitted with acrylic block	
Instruction Manual-1 No., Dust Cover-1 No.	

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