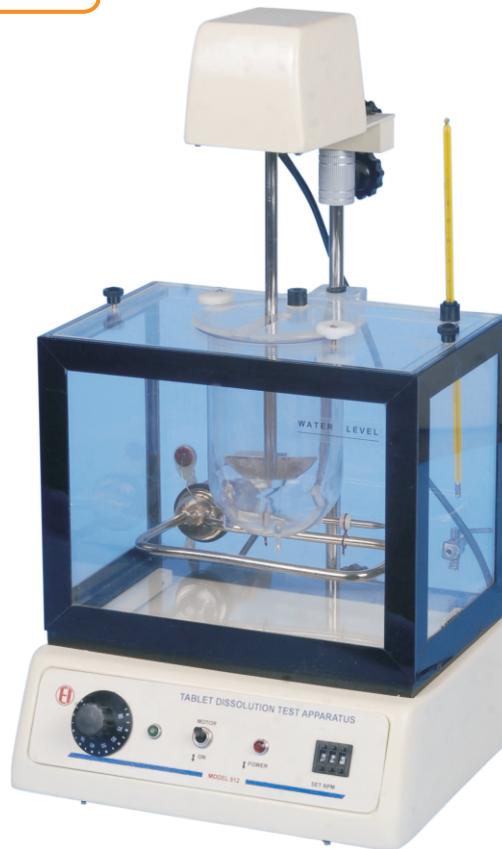


Dissolution Test Apparatus

912

Dissolution Test Tablet Dissolution Apparatus Test Apparatus



1 Year
Warranty

- Extremely Useful for Pharmaceutical Labs
- Highly Accurate and Easy to Operate
- High Stirrer Speed Accuracy
- Accurate Temperature Control
- μ P Based Stirrer Speed Control

Tablet Dissolution Test Apparatus Model 912 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 the tablet/capsule formulation is added into this dissolution vessel. Tablets 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 ± 1 °C by a very sensitive thermostat.

The micro controller, 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.



Tablet Dissolution Test Apparatus

Technical Data

STIRRER	
SPEED	25-200 RPM \pm 1 RPM
RESOLUTION	1 RPM
ACCURACY	\pm 1 RPM
DEPTH ADJUSTMENT	25 mm to 40 mm
TEMPERATURE	
RANGE	10 - 50°C
ACCURACY	\pm 1 °C
TEMP. CONTROL	Thermostat 0 - 85°C
SAMPLING	
REACTION VESSEL	1000ml Jar with Stirrer Pedal and Basket
HEATER	1 K W
POWER	230 \pm 10% VAC, 50Hz
DIMENSIONS	320 x 320 x 375mm (LxBxH) (Approx.)
WEIGHT	9 Kg. (Approx.)
ACCESSORIES	<ul style="list-style-type: none">• 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 with clamp, stainless steel wire mesh basket, glass thermometer, S.S support rod fitted with acrylic block• Instruction Manual

Product Range

Semi Auto Analyser, Single Beam and double Beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin Meter, Digital pH, Meter, Digital Photo Fluorometer, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Point Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.