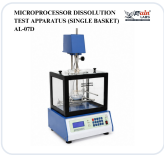
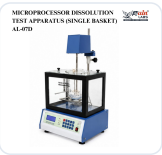
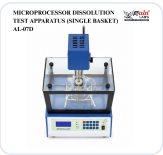
MICROPROCESSOR DISSOLUTION TEST APPARATUS (SINGLE BASKET) AL-07D

Code: AL-07D GST: 18% Brand: AVAIN LABS




AVAIN LABS® MICROPROCESSOR DISSOLUTION TEST APPARATUS (SINGLE BASKET) AL-07D

The AVAIN LABS® Microprocessor Dissolution Test Apparatus (Single Basket) AL-07D is a precision-engineered pharmaceutical testing instrument designed to perform accurate and reliable dissolution studies for tablets and capsules in pharmaceutical manufacturing units, quality control laboratories, research institutions, and educational facilities. Developed to meet the demanding requirements of modern laboratories, the instrument combines advanced microprocessor technology with user-friendly operation and...

The system is equipped with a large 20 x 4 character graphical LCD display that provides clear and easy viewing of test parameters, RPM settings, operational status, and system information, ensuring convenient monitoring throughout the testing process.

The apparatus offers an adjustable speed range of 25 to 200 RPM with a fine resolution of 1 RPM and an accuracy of ±1 RPM, delivering highly precise and reproducible dissolution testing results essential for pharmaceutical quality assurance and formulation development.

To improve laboratory productivity and simplify routine testing procedures, the instrument features a 20 setup storage facility, allowing users to save and instantly recall frequently used testing parameters and operating conditions.

The built-in memory can store up to 200 test samples, enabling efficient data recording, retrieval, and traceability for quality control documentation and compliance requirements. Additionally, the apparatus supports printer attachment, allowing direct printing of test results and reports for easy record keeping and analysis.

For enhanced user convenience and operational safety, the system incorporates audio and visual indicators that continuously communicate instrument status, test progress, completion notifications, and system alerts.

Key Features

- Advanced microprocessor-based control system for precise and reliable dissolution testing.
- Large 20 x 4 character graphical LCD display for clear parameter monitoring and operation.
- Adjustable speed range from 25 to 200 RPM.
- High precision with 1 RPM resolution and ±1 RPM accuracy.
- Storage facility for up to 20 test setups for quick recall and repeatability.
- Internal memory for storing 200 test samples.
- Printer attachment facility for report generation and documentation.
- Integrated audio and visual indicators for system status and operational alerts.
- Designed for accurate dissolution testing of tablets and capsules.
- Suitable for pharmaceutical industries, quality control laboratories, research centers, educational institutions, and formulation development laboratories.

The AVAIN LABS® AL-07D Microprocessor Dissolution Test Apparatus offers an ideal combination of precision, reliability, and ease of operation, making it an excellent choice for laboratories requiring accurate and repeatable pharmaceutical dissolution testing.

Available models (4)

Cat. No.	Model / Size	HSN
AL-07A	Touch Screen Microprocessor Dissolution Test	
AL-07B	345600-- Microprocessor Dissolution Test Apparatus (eight	
AL-07C	316800-- Microprocessor Dissolution Test Apparatus (six	
AL-07D	63000-- Microprocessor Dissolution Test Apparatus	

Scan for details & enquiry