



KLABS Microprocessor Dissolution Test Apparatus



Product Description

KLABS KMDTA-6 Microprocessor Dissolution Test Apparatus is designed for accurate and reliable dissolution testing in pharmaceutical laboratories. The system features microprocessor-based control, graphical LCD display, programmable operation modes, and compliance with USP/IP specifications

Features

- 6 Basket
- Complies with USP, IP specifications
- Extremely Useful for Pharmaceutical Labs
- Highly Accurate and Easy to Operate
- Programmable Stirrer Speed Control i.e. (25 – 200 RPM)
- Graphical LCD display
- 19 Soft Touch Membrane Type Keys
- USB Interface Available
- Three Programming Modes i.e. Routine, Sustain and Control
- 20 Independent Programmable Setups for Routine and Sustain Mode with Storage Facility
- 400 Samples Storage Facility
- Printer Attachment Facility
- Audio Visual Indicators for System Status
- Easy to Empty & Clean the Water Bath with Bottom Drainage
- Continuation of Last Sample Run in case of Power Failure

Accessories

- Main Unit with Acrylic Tank and Rectangular Cover Plate and Water Bath
- Temperature Sensor (T1)
- Heater Bath Circulating Pump
- External Temperature Sensor (T2) for Vessel
- Reaction Vessel capacity 1000 ml (6 Nos.)
- Round Acrylic Cover Plate with Hole and a large slit (6 Nos.)
- S.S. Paddle, S.S Wire Mesh Basket (6 Nos.)
- Glass pipettes with rubber bellows
- Mains Lead
- Instruction Manual
- Dust Cover

Application/Uses

- Dissolution testing of tablets and capsules.
- Pharmaceutical quality control laboratories.
- Drug formulation and R&D studies.
- USP/IP compliance testing.
- Academic and research institutions.
- Stability and product development studies.



LCD
DISPLAY



SOFTWARE
CONTROL SYS.



ACCURATE
& STABLE



EASY
OPERATION



USB
CONNECTIVITY

KMDTA-6

Technical Specifications

Technical	Specifications
Product Name	Microprocessor Dissolution Test Apparatus
Model No.	KMDTA-6
Stations	6 Basket
Display	Graphical LCD display
Keyboard	19 soft touch membrane type keys
LED's	6 LED's, 3 LED's for Test status like Run, Alarm, End and 2 LED's for Platform up/down status and one for heater ON/OFF status.
Prog. Mode	Routine, Sustain and Control mode. Facility for 20 different test setups available in Routine and Sustain mode.
Printer	Provision for the attachment of dot-matrix printer with centronics parallel port interface available.
Speed	25 – 200 RPM, ± 1 RPM
Resolution	1 RPM
Accuracy	± 1 RPM
Range	30 to 50°C
Accuracy	$\pm 1^\circ\text{C}$
Temp. Control	Microprocessor Based using Pt100/ Semiconductor Sensor
Reaction Vessel	1000 ml jars with stirrer pedals and baskets
Heater	1 KW
Power	230 V $\pm 10\%$, 50 Hz. AC



rear view



Side view