

CE KLABS MICROPROCESSOR DISINTEGRATION TEST APPARATUS (2 BASKET)

Product Description

KLABS KMDTA-731 Microprocessor Disintegration Test Apparatus is designed for accurate and reliable disintegration testing of pharmaceutical tablets and capsules. The system is equipped with a graphical LCD display, microprocessor-based control and dual basket assembly for efficient laboratory operation.

Features

- Complies with USP/IP specifications
- Extremely useful for pharmaceutical labs
- Highly Accurate and Easy to Operate
- Baskets UP & DOWN movement as per IP/USP Specifications
- Graphical LCD display
- 15 Soft Touch Membrane Type Keys
- 20 Steps Storage Facility
- 400 Samples Storage Facility
- USB interface available
- Audio Visual Indicators for System Status

Applications & Uses

- Pharmaceutical laboratories for tablet and capsule disintegration testing
- Quality control and quality assurance laboratories
- Research and development laboratories
- Educational and training institutes
- Drug testing and formulation analysis applications
- Used for determining disintegration time of tablets and capsules
- Helps in checking compliance with USP/IP standards
- Suitable for routine laboratory testing applications
- Used for batch quality verification in pharmaceutical industries
- Useful for formulation development and product validation processes



KMDTA-731



Accessories

- External Temperature Sensor
- Mains Lead
- Instruction Manual
- Dust Cover

Technical Specifications

Parameter	Specification
Product Name	Microprocessor Disintegration Test Apparatus
Model Number	KMDTA-731
Basket Type	2 Basket
Display	Graphical LCD display
Keyboard	15 soft touch membrane keys
LED's	4 LED's available for different status indications
Setup Data	Facility for 20 different test setups available
Printer	Provision for the attachment of dot-matrix printer with centronics parallel port interface
Speed	55 mm. 30 ± 1 strokes per minute
Resolution	1 Sec - 99 Minutes
Temp. Range	20°C - 50°C
Temp. Accuracy	± 0.2 °C
Temp. Control	Microprocessor based using PT100/Semiconductor Sensor
Reaction Beaker	1000 ml
Heater	0.4 KW (Approx.)
PC Connectivity	USB interface available
Power	230 V ± 10% AC, 50 Hz
Dimensions	365 x 350 x 495 mm (L x B x H) (Approx.)
Weight	9 Kg (Approx.)