

Disintegration Tester

LDIT-A1 Series



Disintegration tester LDIT-A1 Series

Disintegration tester LDIT-A10 is adopted with high-precision digital electronic sensor, ensures quality precision and accuracy of the water bath temperature without need for calibration. Equipped with one set of basket to conduct disintegration experiments. The default setting for lifting time of the basket is 15 mins, can manually set the other time value as per the experimental need.

Features

- 1 set of basket with 6 tubes
- Microprocessor controlled automation system
- Even °C temperature maintenance in water bath
- Transparent organic glass for water bath
- Increase and decrease splash proof buttons
- Automatic system for controlling temperature, time, frequency
- Alternative display for the preset and real time data
- Auto-diagnose, auto-alarm system for over-temperature

Applications

Used for detection of rate of disintegration of solids such as tablets, capsules, pills in required /set (prescriptive) conditions at pharmaceutical industry.

Disintegration tester LDIT-A1 Series

Specifications

Model no.	LDIT-A10
Number of basket lifting set	1 set
Lifting frequency of the basket	30 to 32/ min
Lifting distance of basket	55 ± 1 mm
Minimum spacing from screen to bottom of beaker	25 ± 2 mm
Mesh size	2 mm (as per standard configuration)
Automatic time range	5 to 120 min
Work noise	< 60 dB
Temperature prefabrication range	Room Temperature to 50°C, display resolution: 0.1 °C
Temperature control accuracy	± 0.3 °C
Time prefabrication range	1 to 900 min
Time control accuracy	0.5 min
Accuracy of temperature control	37 ± 0.5 °C
Dimension (L*W*H)	260 × 300 × 440 mm
Power supply	220 V/50 Hz
Total power	600 W
Gross Weight	15 kg

Standard Accessories

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	1

Optional accessories

Accessories no.	Name
1	0.425 mm diameter mesh
2	1 mm diameter mesh
3	Beaker

Disintegration tester LDIT-A1 Series

Disintegration tester LDIT-A11 and LDIT-A12 are adopted with high-precision digital electronic sensor, ensures quality precision and accuracy of the water bath temperature without need for calibration. Equipped with two to three sets of basket, conducts independent disintegration experiments. The default setting for lifting time of the basket is 15 mins, can manually set the other time value as per the experimental need.

Features

- 2 sets of basket with 12 tubes (6 in each basket) LDIT-A11
- 3 sets of basket with 18 tubes (6 in each basket) LDIT-A12
- Independent driving for each station
- Microprocessor controlled automation system
- Even °C temperature maintenance in water bath
- Transparent organic glass for water bath
- Increase and decrease splash proof buttons
- Automatic system for controlling temperature, time, frequency
- Alternative display for the preset and real time data
- Auto-diagnose, auto-alarm system for over-temperature

Applications

Used for detection of rate of disintegration of solids such as tablets, capsules, pills in required /set (prescriptive) conditions at pharmaceutical industry.

Disintegration tester LDIT-A1 Series

Specifications

Model no.	LDIT-A11	LDIT-A12
Number of basket lifting set	2 sets	3 sets
Lifting frequency of the basket	30 to 32/ min	
Lifting distance of basket	55 ± 1 mm	
Minimum spacing from screen to bottom of beaker	25 ± 2 mm	
Mesh size	2 mm (as per standard configuration)	
Automatic time range	5 to 120 min	
Work noise	< 60 dB	
Temperature prefabrication range	Room Temperature to 50 °C, display resolution: 0.1 °C	
Temperature control accuracy	± 0.3°C	
Time prefabrication range	1 to 900 min	
Time control accuracy	0.5 min	
Accuracy of temperature control	37 ± 0.5°C	
Dimension (L*W*H)	400 × 320 × 440 mm	540 × 320 × 440 mm
Power supply	220 V/50 Hz	
Total power	600 W	
Gross Weight	20 kg	25 kg

Disintegration tester LDIT-A1 Series

Standard Accessories LDIT-A11

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	2

Standard Accessories LDIT-A12

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	3

Optional accessories

Accessories no.	Name
1	0.425 mm diameter mesh
2	1 mm diameter mesh
3	Beaker