

Dissolution Tester

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Dissolution tester LDLT-A10 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. Its test parameters can be preset manually as per experiment. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel.

Features:

- LCD display shows preset and real data
- Microprocessor controlled technology
- Operations by convenient key buttons
- Auto test, auto diagnosis, auto alarm functions
- One vessel and one pole arranged on one line
- Manually turned over smooth and flexible head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A10
Power	600 W
No of poles	1
Speed range	20 to 200 rpm
Gross Weight	20 kg
Power supply	220 V, 50 Hz
No of vessels	1
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Manually turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	260 × 300 × 480 mm

Preset time (for 9 points)	5 to 900 mins
Position of vessels and poles	One vessel and one pole arranged on one line

Dissolution tester LDLT-A11 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. Its test parameters can be preset manually as per experiment. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel.

Features:

- LCD display shows preset and real data
- Microprocessor controlled technology
- Operations by convenient key buttons
- Auto test, auto diagnosis, auto alarm functions
- Three vessel and three pole arranged on one line
- Manually turned over smooth and flexible head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A11
Power	600 W
No of poles	3
Speed range	20 to 200 rpm
Gross Weight	30 kg
Power supply	220 V, 50 Hz
No of vessels	3
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Manually turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	510 × 300 × 480 mm

Preset time (for 9 points)	5 to 900 mins
Position of vessels and poles	Three vessel and three pole arranged on one line

Dissolution tester LDLT-A12 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. Its test parameters can be preset manually as per experiment. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel.

Features:

- LCD display shows preset and real data
- Microprocessor controlled technology
- Operations by convenient key buttons
- Auto test, auto diagnosis, auto alarm functions
- Six vessel and six pole arranged on one line
- Manually turned over smooth and flexible head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A12
Power	600 W
No of poles	6
Speed range	20 to 200 rpm
Gross Weight	45 kg
Power supply	220 V, 50 Hz
No of vessels	6
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Manually turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	960 × 320 × 480 mm

Preset time (for 9 points)	1 to 999 mins
Position of vessels and poles	Six vessel and six pole arranged on one line

Dissolution tester LDLT-A13 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. Its test parameters can be preset manually as per experiment. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel.

Features:

- LCD display shows preset and real data
- Microprocessor controlled technology
- Operations by convenient key buttons
- Auto test, auto diagnosis, auto alarm functions
- Six vessel and six pole arranged on one line
- Automatic up and down movement of head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A13
Power	600 W
No of poles	6
Speed range	20 to 200 rpm
Gross Weight	50 kg
Power supply	220 V, 50 Hz
No of vessels	6
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Electrically turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	960 × 320 × 480 mm

Preset time (for 9 points)	1 to 999 mins
Position of vessels and poles	Six vessel and six pole arranged on one line

Dissolution tester LDLT- A14 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. The vessels and poles are fitted in backward or front position. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath.

Features:

- LCD display shows preset and real data
- Automatic beeper sound for test point
- Microprocessor controlled technology
- Splash proof alphanumeric keypad
- Auto test, auto diagnosis, auto alarm functions
- Six vessels and six poles in front and other two vessels at back
- Manually turned over smooth and flexible head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A14
Power	600 W
No of poles	6
Speed range	20 to 200 rpm
Gross Weight	82 kg
Power supply	220 V, 50 Hz
No of vessels	8
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Manually turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	960 × 440 × 480 mm

Preset time (for 9 points)	1 to 999 mins
Position of vessels and poles	Six vessels and six poles in front and other two vessels at back

Dissolution tester LDLT- A15 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. The vessels and poles are fitted in backward or front position. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath.

Features:

- LCD display shows preset and real data
- Automatic beeper sound for test point
- Microprocessor controlled technology
- Splash proof alphanumeric keypad
- Auto test, auto diagnosis, auto alarm functions
- Six vessels and six poles in front and other two vessels at back
- Automatic up and down movement of head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A15
Power	600 W
No of poles	6
Speed range	20 to 200 rpm
Gross Weight	86 kg
Power supply	220 V, 50 Hz
No of vessels	8
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Electrically turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	960 × 520 × 480 mm

Preset time (for 9 points)	1 to 999 mins
Position of vessels and poles	Six vessels and six poles in front and other two vessels at back

Dissolution tester LDLT- A16 is adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. The vessels and poles are fitted in backward or front position. The basket and paddle units of these dissolution tester are made of high quality SUS316L stainless steel. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath.

Features:

- LCD display shows preset and real data
- Automatic beeper sound for test point
- Microprocessor controlled technology
- Splash proof alphanumeric keypad
- Auto test, auto diagnosis, auto alarm functions
- Four vessels and four poles in front and others at back
- Automatic up and down movement of head part

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A16
Power	600 W
No of poles	8
Speed range	20 to 200 rpm
Gross Weight	74 kg
Power supply	220 V, 50 Hz
No of vessels	8
Time accuracy	± 0.5 mins
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Electrically turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm
Dimension (L × W × H)	680× 540 × 480 mm

Preset time (for 9 points)	1 to 999 mins
Position of vessels and poles	Four vessels and four poles in front and others at back

Dissolution Tester LDLT-A17 is adopted with adopted with microprocessor controlled technology, automatically controls the temperature, time and rotation speed of experiment. The vessels and poles are fitted in both backward and front positions. The basket and paddle units of these dissolution tester are made of high quality SUS 316L stainless steel. Equipped with magnetism-pumped circular water current, maintains uniform temperature of the liquid throughout the water bath.

Features:

- LED display shows preset and real data
- Automatic beeper sound for test point
- Microprocessor controlled technology
- Splash proof alphanumeric keypad
- Auto test, auto diagnosis, auto alarm functions
- Six vessels and six poles in front and others at back
- Automatic up and down movement of head part

Applications:

Used to detect rate (velocity and extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A17
Power	1200 W
No of poles	12
Preset time	1 to 999 mins
Speed range	20 to 200 rpm
Gross Weight	130 kg
Power supply	220 V, 50 Hz
No of vessels	12
Time accuracy	± 0.3 %
Speed accuracy	± 2 rpm
Temperature range	Ambient to 45°C
Head part movement	Electrically (automatic) turn over
Temperature accuracy	± 0.3°C
Basket radial run out	± 1.0 mm
Paddle radial run out	± 0.5 mm

Dimension (L × W × H)	960 × 540 × 480 mm
Position of vessels and poles	Six vessels and six poles in front and other six poles and vessels at back

Dissolution Tester LD-LDLT-A18 is an intelligent dissolution testing system designed for precise evaluation of drug release characteristics in pharmaceutical laboratories. The instrument integrates advanced software control with a modern touch-based operating platform to support efficient method execution and data handling. Its user-oriented interface enables streamlined navigation through testing functions, account management, and operational settings, making it suitable for both routine analysis and research applications. The system is engineered to provide stable testing conditions for dissolution studies involving tablets, capsules, and other solid dosage forms, supporting pharmaceutical development, quality assessment, and regulatory testing workflows.

Features:

- 14-inch LCD touch all-in-one operating interface for intuitive control
- Computer software operating system with smartphone-style icon navigation
- Electrically driven lifting mechanism for convenient head movement
- Automatic paddle height positioning to simplify setup procedures
- Independent stirring shaft and paddle design for flexible operation
- Compatible with both basket method and paddle method dissolution testing
- Four-level user authority management including Super Administrator, Administrator, Technician, and Visitor access
- User account management with password expiry and account status control functions
- Integrated software environment for operation, method management, and user administration
- Touch-based parameter input and monitoring for efficient laboratory workflow
- Designed for multi-position dissolution testing applications
- Optimized for pharmaceutical analytical and research environments

Applications:

Used to detect rate (velocity & extent) dissolution limit of pharmaceutical drugs in the form of tablets, pills, capsules, etc. in prescriptive form.

Specifications:

Model no.	LD-LDLT-A18
Net Weight	150 kg
Speed Range	0-400 rpm $\pm$ 1 rpm / 400-1000 rpm $\pm$ 4% rpm
Power Supply	AC 220 V $\pm$ 10%, 50 Hz
Basket Run-out	$\leq$ 0.8 mm
Paddle Run-out	$\leq$ 0.5 mm
Speed Accuracy	$\pm$ 1 rpm
Shaft Deviation	$\leq$ 1.0 mm

Temperature Range	RT to 50°C
Vessels / Paddles	14 vessels / 12 paddles
Packing Dimension	1300×710×1050 mm
Temperature Accuracy	≤ ±0.1°C
Dimensions (L × W × H)	600×1400×830 mm