



labodam

DISSOLUTION TESTER

LDLT-A1 Series



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Dissolution Tester LDLT-A1 series

Dissolution tester LDLT-A1 series 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

Common Features

- LCD display shows preset and real data
- Microprocessor controlled technology
- Operations by convenient key buttons
- Auto test, auto diagnosis, auto alarm functions

For LDLT-A10

- One vessel and one pole arranged on one line
- Manually turned over smooth and flexible head part

For LDLT-A11

- Three vessel and three pole arranged on one line
- Manually turned over smooth and flexible head part

For LDLT-A12

- Six vessel and six pole arranged on one line
- Manually turned over smooth and flexible head part

For LDLT-A13

- 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.

Dissolution Tester LDLT-A1 series

Specifications

Model no.	LDLT-A10	LDLT-A11
No of vessels	1	3
No of poles	1	3
Position of vessels and poles	One vessel and one pole arranged on one line	Three vessel and three pole arranged on one line
Head part movement	Manually turn over	
Preset time (for 9 points)	5 to 900 mins	
Dimension	260 × 300 × 480 mm	510 × 300 × 480 mm
Speed range	20 to 200 rpm	
Speed accuracy	± 2 rpm	
Temperature range	Ambient to 45°C	
Temperature accuracy	± 0.3°C	
Time accuracy	± 0.5 mins	
Paddle radial run out	± 0.5 mm	
Basket radial run out	± 1.0 mm	
Power supply	220 V, 50 Hz	
Power	600 W	
Gross Weight	20 kg	30 kg

Dissolution Tester LDLT-A1 series

Specifications

Model no.	LDLT-A12	LDLT-A13
No of vessels	6	
No of poles	6	
Position of vessels and poles	Six vessel and six pole arranged on one line	Six vessel and six pole arranged on one line
Head part movement	Manually turn over	Electrically turn over
Preset time (for 9 points)	1 to 999 mins	
Dimension	960 × 320 × 480 mm	
Speed range	20 to 200 rpm	
Speed accuracy	± 2 rpm	
Temperature range	Ambient to 45°C	
Temperature accuracy	± 0.3°C	
Time accuracy	± 0.5 mins	
Paddle radial run out	± 0.5 mm	
Basket radial run out	± 1.0 mm	
Power supply	220 V, 50 Hz	
Power	600 W	
Gross Weight	45 kg	50 kg

Dissolution Tester LDLT-A1 series

Standard Accessories LDLT-A10

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	1
Can select any one capacity for beaker			
1	Beaker	1200 ml	1

Standard Accessories LDLT-A11

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	3
Can select any one capacity for beakers			
1	Beaker	1200 ml	3

Standard Accessories LDLT-A12, LDLT-A13

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	6
Can select any one capacity for beakers			
1	Beaker	1200 ml	6

Dissolution tester LDLT-A14, LDLT-A15, LDLT-A16

Dissolution tester LDLT- A14, LDLT-A15, LDLT-A16 models are 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

Common 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

For LDLT-A14

- Six vessels and six poles in front and other two vessels at back
- Manually turned over smooth and flexible head part

For LDLT-A15

- Six vessels and six poles in front and other two vessels at back
- Automatic up and down movement of head part

For LDLT-A16

- 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.

Dissolution tester LDLT-A14, LDLT-A15, LDLT-A16

Specifications

Model no.	LDLT-A14	LDLT-A15	LDLT-A16
No of vessels	8	8	8
No of poles	6	6	8
Position of vessels and poles	Six vessels and six poles in front and other two vessels at back	Six vessels and six poles in front and other two vessels at back	Four vessels and four poles in front and other at back
Head part movement	Manually turn over	Electrically turn over	
Preset time (for 9 points)	1 to 999 mins		
Dimension	960 × 440 × 480 mm	960 × 520 × 480 mm	680 × 540 × 480 mm
Speed range	20 to 200 rpm		
Speed accuracy	± 2 rpm		
Temperature range	Ambient to 45 °C		
Temperature accuracy	± 0.3 °C		
Time accuracy	± 0.5 mins		
Paddle radial run out	± 0.5 mm		
Basket radial run out	± 1.0 mm		
Power supply	220 V, 50 Hz		
Power	600 W		
Gross Weight	82 kg	86 kg	74 kg

Standard Accessories LDLT-A14, LDLT-A15, LDLT-A16

Accessories no.	Name	Capacity	Qty.
1	Beaker	1000 ml	8
Can select any one capacity for beakers			
1	Beaker	1200 ml	8