

YD-1 Tablet hardness tester



Tablet hardness testers are the instruments for detecting breaking hardness of tablet .

Applicable standard

Corporate standard (Tablet hardness tester)Q/12XQ0186-2005

Features

1. The tablet is loaded artificially and pressed automatically.
2. There is high accuracy press sensor and hardness data is displayed in LED
3. It tests tablet hardness continuously. The biggest number is 100 piece of a gang.
4. Time of testing will be saved by directly measuring the diameter.
5. Test data is displayed and locked automatically .so can test be reset and cycled .

6. It can deal with and memorize such data as :hardness of each tablet .the maximum value ,the minimal value .the average value ,the number of tablets .

1. The parameters can be preset at any time .Eight preset or real data is displayed on the LED.

2. Automation :auto-test .auto-diagnose.auto-alarm

Specifications

1. Test range	(2-199.9)N
2. Test accuracy	Max.($\pm 0.05\%$)
3. Moving distance of probe	20mm
4. Test period	✂20S/P
5.Power	220V/110V, 1 phase /10W or 110V/60HZ/10W
6.Dimension	320*200*100mm
7.Weight	5KG

YD-2 Tablet hardness tester



Tablet hardness testers are the instruments for detecting breaking hardness of tablet .

Applicable standard

Corporate standard (Tablet hardness tester)Q/12XQ0186-2005

Features

1. The tablet is loaded artificially and pressed automatically.
2. There is high accuracy press sensor and hardness data is displayed in LED
3. It tests tablet hardness continuously. The biggest number is 100piece of a gang.
4. Time of testing will be saved by directly measuring the diameter.
5. Test data is displayed and locked automatically .so can test be reset and cycled .
6. It can deal with and memorize such data as :hardness of each tablet .the maximum value ,the minimal value .the average value ,the number of tablets .
7. The parameters can be preset at any time .Eight preset or real data is displayed on the LED.
- 8.Automation: auto-test .auto-diagnose.auto-alarm

Specifications

- | | |
|------------------|-----------------------|
| 1. Test range | (2-199.9)N |
| 2. Test accuracy | Max.*($\pm 0.05\%$) |

3. Moving distance of probe	3-40mm
4. Test period	≥20S/P
5.Power	220V/110V, 1 phase /60W
6.Dimension	500×300×160mm
7.Weight	12KG

YD-3 Tablet hardness tester



Tablet hardness testers are the instruments for detecting breaking hardness of tablet .

Applicable standard

Corporate standard (Tablet hardness tester)Q/12XQ0186-2005

Features

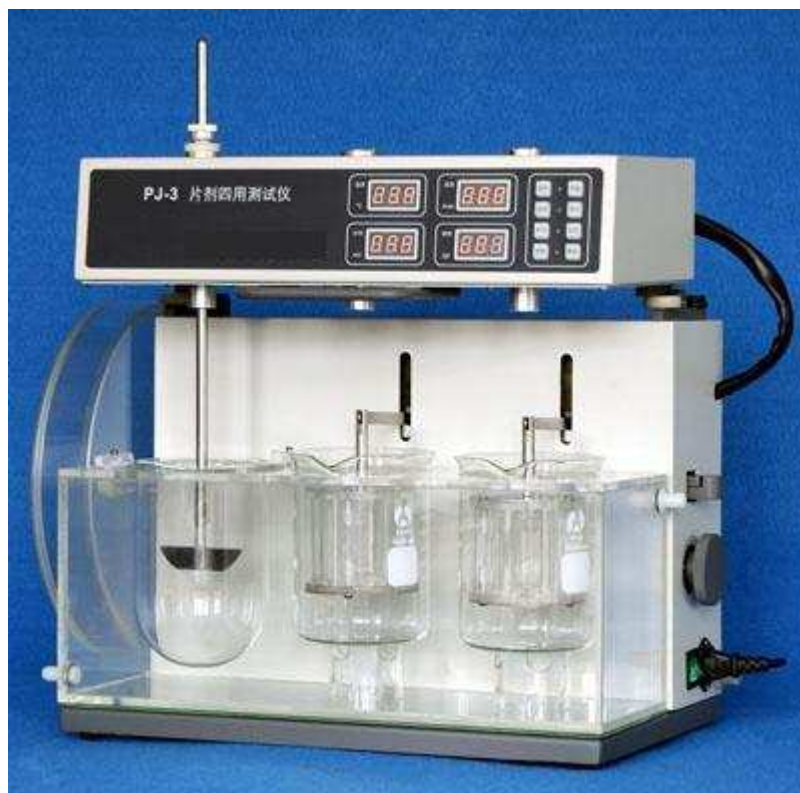
1. The tablet is loaded artificially and pressed automatically.
2. There is high accuracy press sensor and hardness data is displayed in LED
3. It tests tablet hardness continuously. The biggest number is 100piece of a gang.
4. Time of testing will be saved by directly measuring the diameter.
5. Test data is displayed and locked automatically .so can test be reset and cycled .
6. It can deal with and memorize such data as :hardness of each tablet .the maximum value ,the minimal value .the average value ,the number of tablets .

7. The parameters can be preset at any time .Eight preset or real data is displayed on the LED.
8. Automation :auto-test .auto-diagnose.auto-alarm

Specifications

1. Test range	(2-199.9)N
2. Test accuracy	Max.*($\pm 0.05\%$)
3. Probe procession range	(3-40)mm
4. Test period	≥ 20 S/P
5.Max number in each group	≤ 100 Piece
6.Power	220V/110V, 1 phase /60W or
7.Dimension	400×240×160mm
8.Weight	10KG

PJ-3 Tablet Four-usage Tester



It have four functions: detecting pharmaceutical dissolution, disintegration. Friability or abrasion, hardness of tablets.

Applicable standard

National standard (Chinese codex)/2000/
 Corporate standard (Dissolution tester)Q/12XQ0187-2004
 Corporate standard (Disintegration tester)Q/12 XQ0188-2004
 Corporate standard (Tablet friability tester) Q/12 XQ0189-2004

Features

1. Intellectualized ,auto-control .auto test .auto-diagnose ,auto-alarm .
2. The circular water current pumped by magnetism pump can heat the system e qually ,and the bath liquid can achieve and even temperature.
3. Temperature is high accurately auto-controlled.
4. Auto stop at timing point.
5. Parameters can be preset at any time ,the preset and real data are displayed alternately in time.
6. It has three vessels and three poles arranged on one line .The head part of th e instrument can be artificially turned over smoothly and flexibly .
7. Two disintegrations .run synchronously ,auto stop at timing point .
The basket units and paddle units are made of imported stainless steel (SUS316L)
8. High accuracy is achieved in testing rotary speed and counting friability .
9. The hardness tester has high accuracy press sensor and hardness data is displayed in Newton.
10. It tests tablet hardness continuously ,the tablet is loaded and pressed artificially
11. Auto-display, auto-memorize, auto-rest .auto-reset.

Specifications

1. Temperature range : (ambient to +39.9 °C) $\pm 0.3^{\circ}\text{C}$
2. Speed range : (20—200)rpm $\pm 2\text{rpm}$
3. Automatic time range : (1—900)min $\pm 0.5\text{min}$
4. Stations of dissolution : 3
5. Paddle radial run-out : $\pm 0.5\text{mm}$
6. Basket radial run-out : $\pm 1.0\text{mm}$
7. Basket assemblies : 2
8. Nacelle back and forth frequency : (30—32)/min
9. Nacelle back and forth range : (55 \pm 2)/mm
10. Drum 1
- 11.Drum's size radius : $\phi 286\text{ mm}$ depth :39mm
12. Hardness range : (2-200) N
13. Probe procession range : (3-20)mm
14. Power 220V/50HZ/600W or 110V/60HZ/600W
15. Dimension : (520 x 380 x 470) mm³
- 16.Weight : 32KG

CS-1 Tablet Friability tester



CS cs series of instruments are used for detecting friability/abrasion of tablet .

Applicable standards.

1. National standard(Chinese codex)/2000/
2. Corporate standard(tablet friability tester)Q/12XQ0189-2004

Features

1. Two drums run synchronously .Auto stop at timing point .
2. The drum is made of high quality hyaline acryl;
3. The speed and revolution of the drum can be preset at any time;either preset or real data os displayed on the LED .
4. A MPU is used to control all operations.high accuracy is achieved in testing rotary speed and circle number;

5. Automation: auto-test .auto-diagnose,auto-alarm;

Specifications

1. Cylinder number	2
2. Cylinder radius	∅ 286mm
3. Cylinder depth	39mm
4. Tablet fall height	156mm
5. Rotation count	(10-240)r
6. Rotation count accuracy	±1r
7. Rotation speed	(20-90)rpm
8. Rotation speed accuracy	±1rpm
9. Power	220v/50hz/50w or 110v/60hz/50w
10. Dimension	(370×300×340)mm
11. Weight	14kg

CS-2 Tablet friability tester



CS cs series of instruments are used for detecting friability/abrasion of tablet .

Applicable standards.

- 1.National standard(Chinese codex)/2000/
- 2.Corporate standard(tablet friability tester)Q/12XQ0189-2004

Features

1. Two drums run synchronously .Auto stop at timing point .
2. The drum is made of high quality hyaline acryl;
3. The speed and revolution of the drum can be preset at any time;either preset or real data os displayed on the LED .
4. A MPU is used to control all operations.high accuracy is achieved in testing rotary speed and circle number;
5. Automation: auto-test .auto-diagnose,auto-alarm;

Specifications

- | | | | |
|-----------------------|---------|-------------------|------|
| 1. Cylinder number | 2 | | |
| 2. Cylinder radius | ∅ 286mm | | |
| 3. Cylinder depth | 39mm | | |
| 4. Tablet fall height | 156mm | 5. Rotation count | 100r |

6.Rotation count accuracy	±1r
7.Rotatiom speed	25rpm
8.Rotation speed accuracy	±1rpm
9.Power	220v/50hz/50w or 110v/60hz/50w
10.Dimension	(360×300×340)mm
11.Weight	11kg

CS-3 Tablet friability tester



CS series of instruments are used for detecting friability/abrasion of tablet .

Applicable standards.

- 1.National standard(Chinese codex)/2000/
- 2.Corporate standard(tablet friability tester)Q/12XQ0189-2004

Features

1. Two drums run synchronously .Auto stop at timing point .
2. The drum is made of high quality hyaline acryl;
3. The revolution of the drum can be preset at any time;either preset or real data is displayed on the LED .
4. A MPU is used to control all operations.high accuracy is achieved in testing rotary speed and circle number;
5. Automation: auto-test .auto-diagnose,auto-alarm;

Specifications

1. Cylinder number	2		
2. Cylinder radius	∅ 286mm		
3. Cylinder depth	39mm	4. Tablet fall height	156mm
5. Rotation count	10-900r	6. Rotation count accuracy	±1r
7. Rotation speed	25rpm		
8. Rotation speed accuracy	±1rpm		
9. Power	220v/50hz/50w or 110v/60hz/50w		
10. Dimension	(360×300×340)mm		
11. Weight	14kg		

CS-4 Tablet friability tester



CS series of instruments are used for detecting friability/abrasion of tablet .

Applicable standards.

1. National standard(Chinese codex)/2000/
2. Corporate standard(tablet friability tester)Q/12XQ0189-2004

Features

1. Single drum runs. Auto stop at timing point ;
2. The drums is made of high quality hyaline acryl; .
3. The speed and revolution of the drum is constant ,Eigher preset or real data is displayed on the LED;
4. A MPU is used to control all operations.high accuracy is achieved in testing rotary speed and circle number;
5. Automation: auto-test .auto-diagnose,auto-alarm;

Specifications

- | | | | |
|----------------------------|--------------------------------|----------------------------|-----|
| 1. Cylinder number | 1 | | |
| 2. Cylinder radius | ∅ 286mm | | |
| 3. Cylinder depth | 39mm | | |
| 4. Tablet fall height | 156mm | | |
| 5. Rotation count | 10-900r | 6. Rotation count accuracy | ±1r |
| 7. Rotation speed | 25rpm | | |
| 8. Rotation speed accuracy | ±1rpm | | |
| 9. Power | 220v/50hz/50w or 110v/60hz/50w | | |
| 10. Dimension | (300×200×330)mm | | |
| 11. Weight | 6kg | | |

BJ-1 Tablet Disintegration tester



BJ series of instruments are used for detecting disintegration of solid in prescriptive conditions .

Applicable standards.

1. National standard(Chinese codex)/2000/
2. Corporate standard (Disintegration tester)Q/12X0188-2004

Features

1. There are six tubes in one basket assembly;
2. Auto stop at timing point
3. The bath liquid can achieve an even temperature.
4. A MPU is used to automatically control the temperature ,time and frequency of nacelle back and forth ;
5. Timing at will .the preset and real time data can be displayed alternately in time
6. Automation : auto-test .auto-diagnose .auto-alarm

Specifications

- | | |
|--|----------------------------------|
| 1. basket assembly | 1 |
| 2. Nacelle back and forth frequency | (30-32)/min |
| 3. Nacelle back and forth range | (55±1)mm |
| 4. Automatic time range | 1 to 900 minutes |
| 5. Accuracy of controlling temperature | room temperature to 45 °C |
| 6. Minimum distance between two basket | 25+/-2mm |
| 7. Power | 220V/50HZ/600W or 110V/60HZ/600W |
| 8. Dimension | (260×300×420)mm |
| 9. Weight | 11KG |

BJ-2 Tablet Disintegration tester



BJ series of instruments are used for detecting disintegration of solid in prescriptive conditions .

Applicable standards.

1. National standard(Chinese codex)/2000/
2. Corporate standard (Disintegration tester)Q/12X0188-2004

Features

1. There are twelve tubes in two basket assemblies;
2. Each test station is driven independently,Auto stop at timing point
3. The bath liquid can achieve an even temperature.
4. A MPU is used to automatically control the temperature ,time and frequency of nacelle back and forth ;
5. Timing at will .the preset and real time data can be displayed alternately in time
6. Automation : auto-test .auto-diagnose .auto-alarm

Specifications

- | | |
|--|---------------------------|
| 1. basket assembly | 2 |
| 2. Nacelle back and forth frequency | (30-32)/min |
| 3. Nacelle back and forth range | (55±1)mm |
| 4. Automatic time range | 1 to 900 minutes |
| 5. Accuracy of controlling temperature | room temperature to 45 °C |
| 6. Minimum distance between two basket | 25+/-2mm |

7. Power	220V/50HZ/600W or 110V/60HZ/600W
8. Dimension	(400×300×420)mm
9. Weight	16KG

BJ-3 tablet disintegration tester



BJ series of instruments are used for detecting disintegration of solid in prescriptive conditions .

Applicable standards.

1. National standard(Chinese codex)/2000/
2. Corporate standard (Disintegration tester)Q/12X0188-2004

Features

1. There are eighteen tubes in three basket assemblies;
2. Each test station is driven independently, Auto stop at timing point
3. The bath liquid can achieve an even temperature.
4. A MPU is used to automatically control the temperature ,time and frequency of nacelle back and forth ;
5. Timing at will .the preset and real time data can be displayed alternately in time
6. Automation : auto-test .auto-diagnose .auto-alarm

Specifications

1. basket assembly 3
2. Nacelle back and forth frequency (30-32)/min

3. Nacelle back and forth range (55±1)mm
4. Automatic time range 1 to 900 minutes
5. Accuracy of controlling temperature room temperature to 45 °C
6. Minimum distance between two basket 25+/-2mm
7. Power 220V/50HZ/600W or 110V/60HZ/600W
8. Dimension (540×300×420)mm
- 9 .Weight 22KG

RC- 1 Tablet dissolution tester



This Series of instruments are used for detecting velocity and extent of pharmic dissolution from tablet, capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Crporate standard (Dissolution tester)Q/12XQ0187-2004

Features

1. It has one vessels and one poles, arranged on one line ;
2. The head part of the instrument can be artificially turned over smoothly and flexibly .
3. The basket units and paddle units are made of imported stainless steel (ss316L)

4. The magnetism-pumped circular water current can heat the system evenly, and the bath liquid can achieve an equal temperature.
5. A MPU is used in dissolution tester to automatically control the temperature, rotational speed and time ,and the parameters can be preset ant any time .
- 6.It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .
- 7.Automation :Auto-set ,auto=diagnose ,auto-alarm.

Specifications

- | | |
|--------------------------|------------------------------------|
| 1. Speed range | (20-200)rpm |
| 2. Speed accuracy | ±2rpm |
| 3. Temperature Range | ambient to +39.9℃ |
| 4. Temperature Stability | ±0.3℃ |
| 5. Automatic time range | (5-900)min |
| 6. Time accuracy | ±0.5min |
| 7. Paddle radial run-out | ±0.5mm |
| 8. Basket radial run-out | ±1mm |
| 9. Power | 220v/50HZ/1000W or 110v/60HZ/1000W |
| 10. Dimension | (480×260×300)mm |
| 11. Weight | 15KG |

RC- 3 Tablet Dissolution tester



This Series of instruments are used for detecting velocity and extent of pharmic dissolution from tablet ,capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Corporate standard (Dissolution tester)Q/12XQ0187-2004

Features

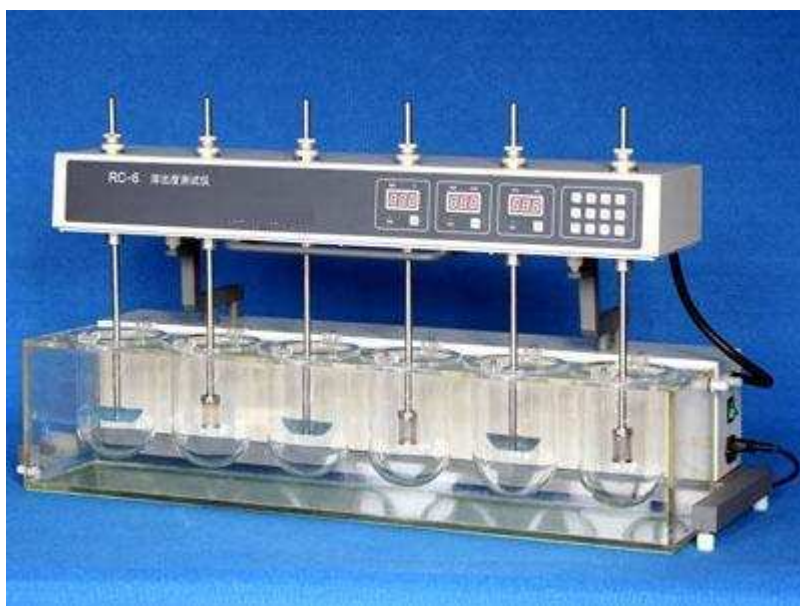
1. It has three vessels and three poles ,arranged on one line ;
2. The head part of the instrument can be artificially turned over smoothly and flexibly .
3. The basket units and paddle units are made of imported stainless steel (ss316L)
- 4.The magnetism-pumped circular water current can heat the system evenly ,and the bath liquid can achieve an equal temperature.
- 5.A MPU is used in dissolution tester to automatically control the temperature,rotational speed and time ,and the parameters can be preset ant any time .
6. It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .
7. Automation :Auto-set ,auto=diagnose ,auto-alarm.

Specifications

- | | |
|---------------------|-------------------|
| 1.Speed range | (20-200)rpm |
| 2. Speed accuracy | ±2rpm |
| 3.Temperature Range | ambient to +39.9℃ |

4. Temperature Stability	$\pm 0.3^{\circ}\text{C}$
5. Automatic time range	(5-900)min
6. Time accuracy	$\pm 0.5\text{min}$
7. Paddle radial run-out	$\pm 0.5\text{min}$
8. Basket radial run-out	$\pm 0.1\text{min}$
9. Power	220v/50HZ/1000W or 110v/60HZ/1000W
10. Dimesion	(510×300×480)mm
11. Weight	35KG

RC-6 Dissolution tester



RC Series of instruments are used for detecting velocity and extent of pharmlc dissolution from tablet ,capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Corporate standard (Dissolution tester)Q/12XQ0187-2004

Features

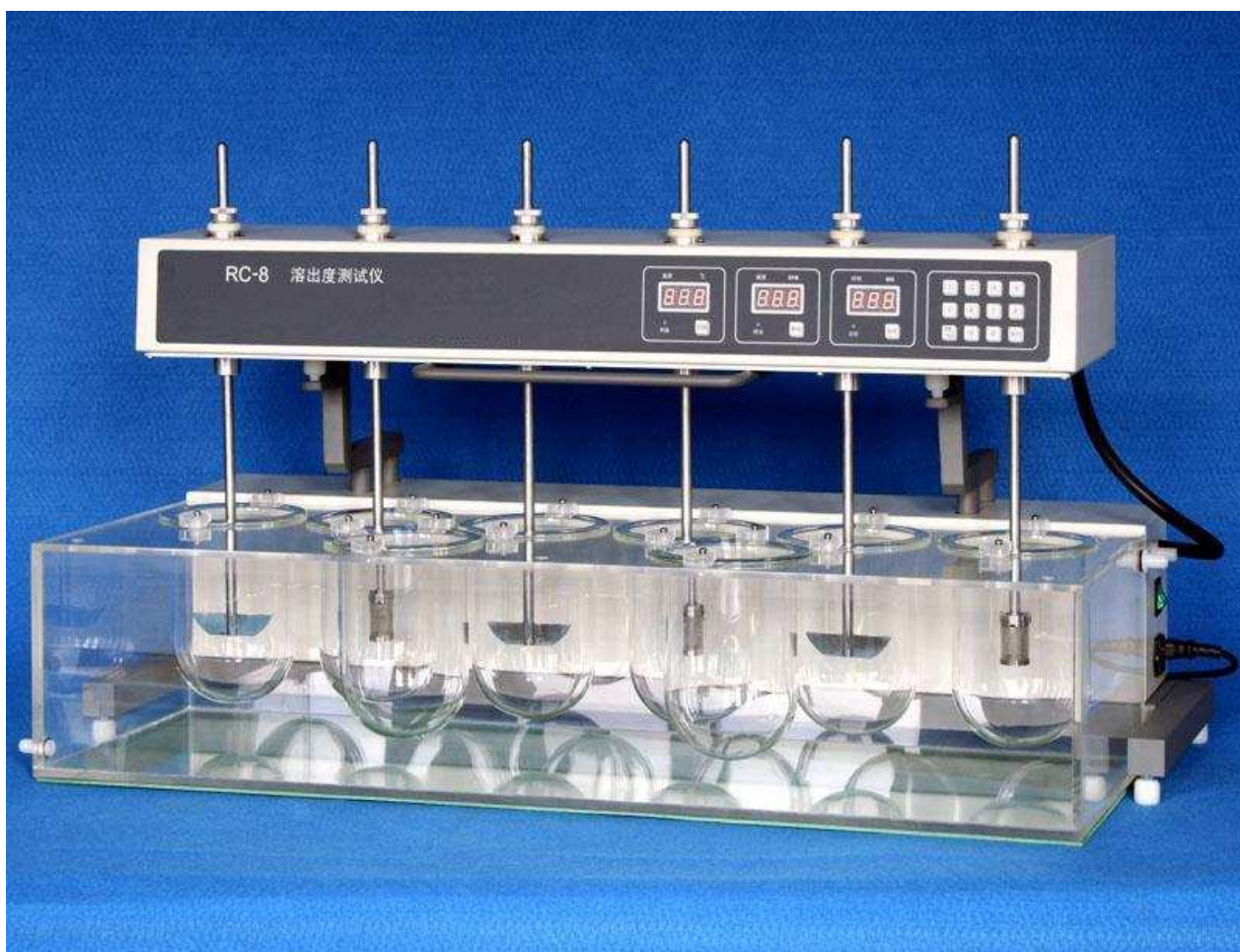
1. It has six vessels and six poles arranged on one line .
2. The head part of the instrument can be artificially turned over smoothly and flexibly;
3. The basket units and paddle units are made of imported stainless steel (ss316L)
4. The magnetism-pumped circular water current can heat the system evenly ,and the bath liquid can achieve an equal temperature.

5. A MPU is used in dissolution tester to automatically control the temperature,rotational speed and time ,and the parameters can be preset ant any time .
6. It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .
7. Automation :Auto-set ,auto=diagnose ,auto-alarm.
8. It can test by self and alarm automatically ,The dissolution parameters of “Chinese codex 2000” are stored in and can be taken out at any time .
9. Time can be preset at many points ,The beeper sounds automatically to any point ,and then the tester automatically runs to the next one .

Specifications

1.Speed range	(20-200)rpm
2. Speed accuracy	±2rpm
3.Temperature Range	ambient to +39.9℃
4.Temperature Stability	±0.3℃
5.Preset timing	six point (1-999)min
6.Time accuracy	±0.5min
7.Paddle radial run-out	±0.5min
8.Basket radial run-out	±0.1min
9.Power	220v/50HZ/1000W or 110v/60HZ/1000W
10.Dimesion	(960×320×480)mm
11.Weight	45KG

RC-8 tablet dissolution tester



RC Series of instruments are used for detecting velocity and extent of pharmlc dissolution from tablet ,capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Corporate standard (Dissolution tester)Q/12XQ0187-2004

Features

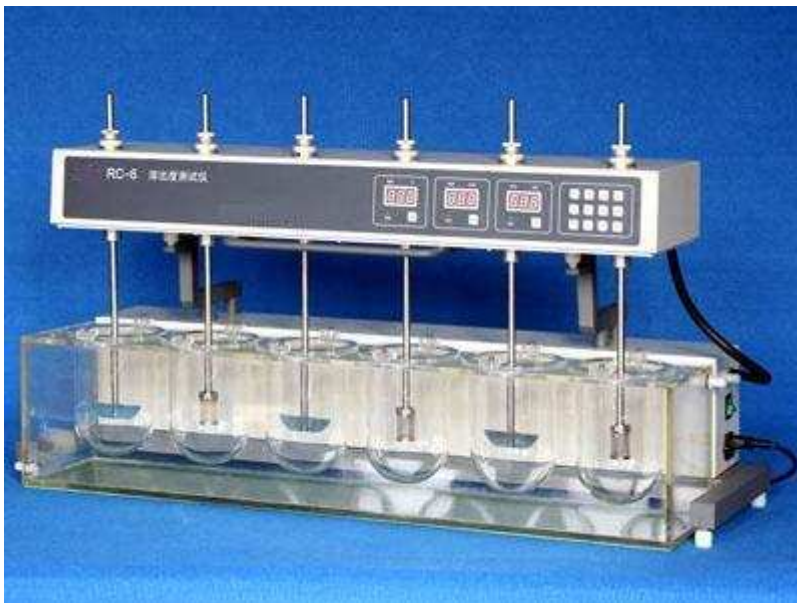
1. It has eight vessels and six poles, with six vessels and six poles in front and other two vessels at back.
2. The head part of the instrument can be artificially turned over smoothly and flexibly;
3. The basket units and paddle units are made of imported stainless steel (ss316L)
4. The magnetism-pumped circular water current can heat the system evenly ,and the bath liquid can achieve an equal temperature.
5. A MPU is used in dissolution tester to automatically control the temperature,rotational speed and time ,and the parameters can be preset ant any time .
6. It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .

7. Automation :Auto-set ,auto=diagnose ,auto-alarm.
8. It can test by self and alarm automatically ,The dissolution parameters of “Chinese codex 2000” are stored in and can be taken out at any time .
9. Time can be preset at many points ,The beeper sounds automatically to any point ,and then the tester automatically runs to the next one .

Specifications

- | | |
|-------------------------|------------------------------------|
| 1.Speed range | (20-200)rpm |
| 2. Speed accuracy | ±2rpm |
| 3.Temperature Range | ambient to +39.9℃ |
| 4.Temperature Stability | ±0.3℃ |
| 5.Preset timing | six point (1-999)min |
| 6.Time accuracy | ±0.5min |
| 7.Paddle radial run-out | ±0.5min |
| 8.Basket radial run-out | ±0.1min |
| 9.Power | 220v/50HZ/1000W or 110v/60HZ/1000W |
| 10.Dimesion | (960×440×480)mm |
| 11.Weight | 47KG |

RC—6D Dissolution tester



This Series of instruments are used for detecting velocity and extent of pharmic dissolution from tablet ,capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Corporate standard (Dissolution tester)Q/12XQ0187-2004

Features

1. It has six vessels and six poles arranged on one line;
2. The head part of the instrument can be artificially turned over smoothly and flexibly;
3. The basket units and paddle units are made of imported stainless steel (ss316L)
4. The magnetism-pumped circular water current can heat the system evenly ,and the bath liquid can achieve an equal temperature.
5. A MPU is used in dissolution tester to automatically control the temperature,rotational speed and time ,and the parameters can be preset ant any time .
6. It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .
7. Automation :Auto-set ,auto=diagnose ,auto-alarm.
8. It can test by self and alarm automatically ,The dissolution parameters of “Chinese codex 2000” are stored in and can be taken out at any time .
9. Time can be preset at many points ,The beeper sounds automatically to any point ,and then the tester automatically runs to the next one .

Specifications

- | | |
|-------------------------|------------------------------------|
| 1.Speed range | (20-200)rpm |
| 2. Speed accuracy | ±2rpm |
| 3.Temperature Range | ambient to +39.9℃ |
| 4.Temperature Stability | ±0.3℃ |
| 5.Preset timing | six points(1-999)min |
| 6.Time accuracy | ±0.5min |
| 7.Paddle radial run-out | ±0.5min |
| 8.Basket radial run-out | ±0.1min |
| 9.Power | 220v/50HZ/1000W or 110v/60HZ/1000W |
| 10.Dimesion | (960×400×480)mm |
| 11.Weight | 56KG |

RC-8D tablet dissolution tester



This Series of instruments are used for detecting velocity and extent of pharomic dissolution from tablet ,capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Corporate standard (Dissolution tester)Q/12XQ0187-2004

Features

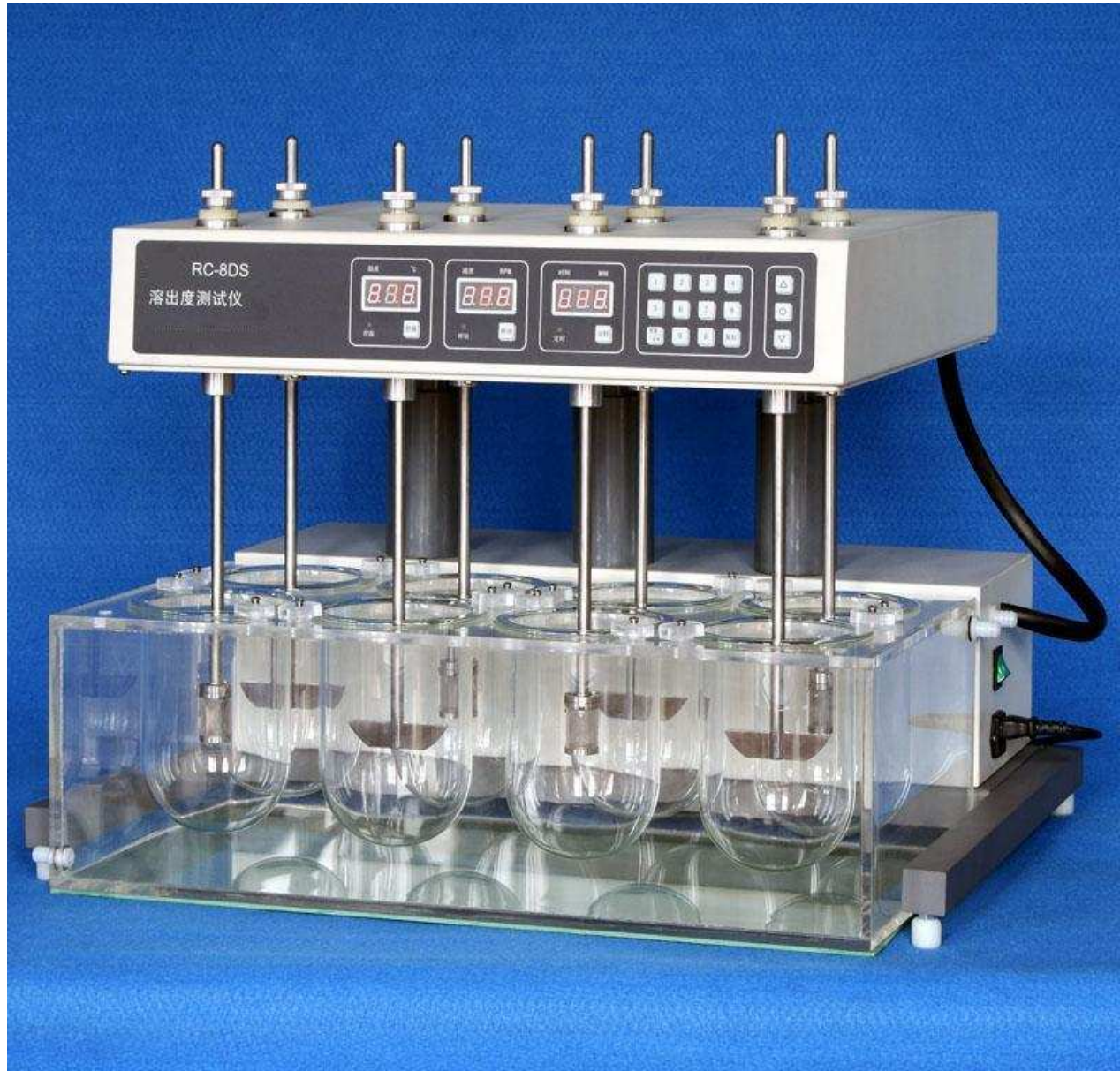
1. It has eight vessels and six poles ,with six vessels and six poles in front and other two vessels at back ;
2. The head moves up/down automatically
3. The basket units and paddle units are made of imported stainless steel (ss316L)
4. The magnetism-pumped circular water current can heat the system evenly ,and the bath liquid can achieve an equal temperature.
5. A MPU is used in dissolution tester to automatically control the temperature,rotational speed and time ,and the parameters can be preset ant any time .

6. It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .
7. Automation :Auto-set ,auto=diagnose ,auto-alarm.
8. It can test by self and alarm automatically ,The dissolution parameters of “Chinese codex 2000” are stored in and can be taken out at any time .
9. Time can be preset at many points ,The beeper sounds automatically to any point ,and then the tester automatically runs to the next one .

Specifications

1.Speed range	(20-200)rpm
2. Speed accuracy	±2rpm
3.Temperature Range	ambient to +39.9℃
4.Temperature Stability	±0.3℃
5.Preset timing	six points(1-999)min
6.Time accuracy	±0.5min
7.Paddle radial run-out	±0.5min
8.Basket radial run-out	±0.1min
9.Power	220v/50HZ/1000W or 110v/60HZ/1000W
10.Dimesion	(960×520×480)mm
11.Weight	56KG

RC-8DS tablet dissolution tester



This Series of instruments are used for detecting velocity and extent of pharmaceutical dissolution from tablet ,capsule etc in prescriptive menstruum

Applicable standards.

1. National standard (Chinese codex)/2000/
2. Corporate standard (Dissolution tester)Q/12XQ0187-2004

Features

1. It has eight vessels and eight poles ,with four vessels and four poles in front and other two vessels at back ;
2. The head moves up/down automatically
3. The basket units and paddle units are made of imported stainless steel (ss316L)

4. The magnetism-pumped circular water current can heat the system evenly ,and the bath liquid can achieve an equal temperature.
5. A MPU is used in dissolution tester to automatically control the temperature,rotational speed and time ,and the parameters can be preset ant any time .
6. It can be operated conveniently by keystroke, The measurement result is displayed by LED ,The preset and real data can be displayed alternately in time .
7. Automation :Auto-set ,auto=diagnose ,auto-alarm.
8. It can test by self and alarm automatically ,The dissolution parameters of “Chinese codex 2000” are stored in and can be taken out at any time .
9. Time can be preset at many points ,The beeper sounds automatically to any point ,and then the tester automatically runs to the next one .

Specifications

1.Speed range	(20-200)rpm
2. Speed accuracy	±2rpm
3.Temperature Range	ambient to +39.9℃
4.Temperature Stability	±0.3℃
5.Preset timing	six points(1-999)min
6.Time accuracy	±0.5min
7.Paddle radial run-out	±0.5min
8.Basket radial run-out	±0.1min
9.Power	220v/50HZ/1000W or 110v/60HZ/1000W
10.Dimesion	(680×540×480)mm
11.Weight	75KG

CJ-1 Magnetic Stirrer



Features

1. High automatic .Easy operation
2. Velocity can be preset and controlled in highly accurate and sensitive steps

3. Be widely used in range of biology, medicine , chymistry industry.

Specifications

1. Preset Velocity range (200-1000)rpm
2. Maximum capacity 1000ml
3. Operational Continuity times >8Hours
4. Power 220V/110V, 1 phase , 20W
5. Dimension (250×160×70)mm³
6. Weight : 2.5KG

DJ-1 Electromotion Stirrer



Features

1. High automation .Easy operation.
2. Two muddler (one small ,one big) for different vessels and liquors.
3. Velocity can be preset and controlled in highly accurate and sensitive steps.
4. Be widely used in range of biology, medicine , chymistry industry.

Specifications

1. Preset Velocity range (20*1000)rpm
2. Maximum capacity 1000ml
3. Operational Continuity times >8Hours
4. Power 220V/110V, 1 phase /20W

5. Dimension (160×160×370)mm³

DJ-2 Electromotion Stirrer



Features

1. High automation .Easy operation.
2. Two muddler (one small,one big) for different vessels and liquors.
3. Velocity can be preset and controlled in highly accurate and sensitive steps.
4. Be widely used in range of biology, medicine , chemistry industry.

Specifications

1. Preset Velocity range (20-2000)rpm
2. Maximum capacity 1000ml
3. Operational Continuity times >8Hours
4. Power 220V/110V, 1 phase /20W
5. Dimension (160×240×500)mm³

DJ-3 Electromotion Stirrer



Features

1. High automation .Easy operation.
2. Two muddler (one small ,one big) for different vessels and liquors.
3. Velocity can be preset and controlled in highly accurate and sensitive steps.
4. Be widely used in range of biology, medicine , chemistry industry.

Specifications

1. Preset Velocity range (100-2000)rpm
2. Maximum capacity 8000ml
3. Operational Continuity times >8Hours
4. Power 220V/110V, 1 phase /20W
5. Dimension (200×300×620)mm³

DJ-4 Electromotion Stirrer



Features

1. High automation .Easy operation.
2. Two muddler (one small ,one big) for different vessels and liquors.
3. Velocity can be preset and controlled in highly accurate and sensitive steps.
4. Be widely used in range of biology, medicine , chemistry industry.

Specifications

1. Preset Velocity range (100-2000)rpm
2. Maximum capacity 8000ml
3. Operational Continuity times >8Hours
4. Power 220V/110V, 1 phase /20W
5. Dimension (200×300×620)mm³

TM-1 Transparency Instrument & tester



Transparency Instrument is requisite for detecting transparency of gelation.

Applicable standards.

1. National standard(Food additive Gelatin)GB6783-94
2. National standard(Hard gelatin capsule for medicine)GB1371-92
3. Vocation standard(Gelatin for medicin)QB2354-98

Features

1. Thoroughly eliminating the influence to results by environment and experimenter's visual error
2. Standard test tube and same capacity of sample.
3. High stable light source system, equal brightness.
4. High precise photoelectric transducers for testing exactly.
5. Auto-testing ,transparency being conversion accounted automatically.
6. Automation: auto-test,auto-diagnose,auto-alarm.

Specifications

1. Test range (20-500)rpm
2. Test accuracy range $\pm 5\text{mm}$.
3. capacity 400ml
- 4.Power: 220V/110V, 1 phase /80W
- 5.Dimension (3160×240×120)mm³

TM-2 Transparency Instrument & tester



Transparency Instrument is requisite for detecting transparency of gelation.

Applicable standards.

1. National standard(Food additive Gelatin)GB6783-94
2. National standard(Hard gelatin capsule for medicine)GB1371-92
3. Vocation standard(Gelatin for medicin)QB2354-98

Features

1. Thoroughly eliminating the influence to results by environment
2. Sample being conveniently taken out or put in by using standard test tube. High
3. Airtight light source system.

Specifications

1. Test range (20-500)rpm
2. Test accuracy range $\pm 5\text{mm}$.
3. capacity 400ml
- 4.Power: 220V/110V, 1 phase /80W
- 5.Dimension (600×200240×630)mm³

ND-1 Bloom viscosity instrument & tester



ND series of instrument are used for detecting viscosity of gelatin by BLOOM method

Applicable standards.

1. National standard(Food additive Gelatin)GB6783-94
2. National standard(Hard gelatin capsule for medicine)GB1371-92
3. Vocation standard(Gelatin for medicin)QB2354-98
4. Corporate standard(Bloom viscosity tester)Q/12XQ0193-2004

Features

1. A MPU is used to control all operations in Bloom Viscosity tester.
It works in Bloom mode and the viscosity data is displayed by LED.
2. High temperature accuracy ,Even temperature of the bvath liquid .
3. Using capillary and precise photo-electricity transducer.
4. Automatically calculating time and viscosity .
5. Auto-timing ,auto-alarming .auto-testing continually.
6. Automation :auto-test,auto-diagnose.auto-alarm.

Specifications

1. Test range (0-9.99)mpa.s
2. Test accuracy range 0.05mpa.s
3. Temperature control 60.0℃
4. Temperature control accuracy $\pm 0.1^{\circ}\text{C}$
5. Time accuracy $\pm 0.5\text{min}$
6. Volume 100ml
7. Volume accuracy ± 0.5
8. Recital distance $(152 \pm 2)\text{mm}$
9. Power 220V/110V, 1 phase /600W
10. Dimension $(400 \times 300 \times 450)\text{mm}^3$
11. Weight 12KG

ND-2 Bloom viscosity instrument & tester



ND series of instrument are used for detecting Bloom viscosity of gelatin.

Applicable standards.

1. National standard(Food additive Gelatin)GB6783-94
5. National standard(Hard gelatin capsule for medicine)GB1371-92
6. Vocation standard(Gelatin for medicin)QB2354-98
7. Corporate standard(Bloom viscosity tester)Q/12XQ0193-2004

Features

7. A MPU is used to control all operations in Bloom Viscosity tester.
It works in Bloom mode and the viscosity data is displayed by LED.
8. High temperature accuracy ,Even temperature of the bvath liquid .
9. Using capillary and precise photo-electricity transducer.
10. Automatically calculating time and viscosity .
11. Auto-timing ,auto-alariming .auto-testing continually.
12. Automation :auto-test,auto-diagnose.auto-alarm.

Specifications

1. Test range (0-99.9)mPa.s
2. Test accuracy range ± 0.2 mPa.s
3. Temperature control 60.0°C
4. Temperature control accuracy $\pm 0.1^{\circ}\text{C}$
5. Time accuracy ± 0.5 min
6. Volume 100ml
7. Volume accuracy ± 0.5
8. Recital distance (152 ± 2) mm
9. Time range (0-999.9)s
10. Power 220V/110V, 1 phase /600W

110.Dimension	(400×300×450)mm ³
12.Weight	12KG

JS-2 Gelatin gel strength test system



This system is provided for detecting jelly strength of gelatin.

It consists of

1. JS-2 jelly strength tester
2. HW-2 Constant temperature bath
3. ZL-2 Refregerator

Applicable standards

- 1.Natinal standard(Food additive Gelatin) GB6783-94
- 2.Vocation Standard (Industrial gelatin) QB/T1996-94
- 3.American codex/No.22/VSPXX
- 4.Vocation standard(Bone gelatin) QB/T1997-94
- 5.Wational standard(Hard gelatin capsule for medicine) GB13731-92
- 6.Vocation standard(Photographic gelatin) QB1997-94
- 7.Vocation standard(Gelatin for medicine) QB2354-98
- 8.Corporate standard(Gelatin get strength test system) Q/12XQ0190-2004

Features

- 1.A MPU is used to control all operations in Jelly strength system. It works in Bloom mode and the Bloom gram is displayed by LED. The probe is of British standard.
- 2.Using high-precision pressure sensor ,auto-correcting nonlinear errors, high accuracy.
3. Any sample depth can be preset, with five sample speeds,three sample mode and two sample results .
4. Using precise mechanical transmission gear with shock absorber,operating placidly,displaying stably.

5. Precisely constant temperature bath system is composed of invariable temperature water tank and refrigerate .
6. Using magnetism pump system to circulate water for equably heating ,bath temperature getting even.
7. Using high-precision temperature sensor,with little linear error and high accuracy in testing temperature .
- 8.Using auto frequency-conversion controlling temperature intellectually high accurately.
9. A new type of high-reliability and great-power compressor applied in refrigerator,with high speed and low noise in refrigeration.
- 10.Presetting temperature at will,displaying preset and real-time data alternately in time.

Specifications

- | | |
|--------------------------------|--|
| 1. Test range | (5-1000)g |
| 2. Test accuracy range | ±0.05% |
| 3. Travel | (1-60)mm |
| 4. Travel accuracy | ±0.1mm |
| 5. Temperature control range | (5-39.9)°C |
| 6.Temperature control accuracy | ±0.1°C |
| 7.Cooling Time | 40min |
| 8.Power | 220V/110V, 1 phase /1200W |
| 110.Dimension | JS-2(260×260×420)mm ³
HW-2(530×450×280)mm ³
ZL-2(400×350×280)mm ³ |
| 12.Weight | 77KG |

SF-1 FAST MOISTURE TESTER



SF series are suitable for testing water in powder or granule .
Applicable standards

- 1.National standard Chinese codex /2000/
- 2.National standard (Food additive Gelatin) GN6783-94
- 3.Corporate standard(Fast moisture tester) Q/12XQ0191-2004

Features

1. Drying in constant temperature with infrared lamp .heat being focused ,dying fast.
2. High-precision temperature sensor ,auto frequency-conversion controlling in temperature.
3. High-precision weight in drying .auto-calculate remainder water after weight being constant.
4. Auto-preset drying temperature,auto-test mositurem ,display preset and real-time data alternately in time .
5. Automation: auto-test ,auto-diagnose, auto-alarm

Specifications

1. Tested Moisture Range (0-99.9)%
2. Moisture Testing Accuracy $\pm 0.5\%$
3. Drying Temperature (500-105) $^{\circ}\text{C}$
4. Temperature Accuracy $\pm 0.2^{\circ}\text{C}$
5. Weight Testing Range (0-19.99)g
6. Weight Testing Accuracy $\pm 0.2\text{g}$
7. Sample Weight (4-6)g
8. Infrared Lamp 220V/110V, 1 phase /250W
9. Power 220V/110V, 1 phase /300W
- 10.Dimension (400×300×420)
- 11.Weight 8KG

RD-1 Melting point tester



1. Melting point is the temperature of something turning to liquid from solid. It is the main method to detect some characters such as purity etc.
2. RD series are suitable for testing Melting point of drug ,spice and dye etc.

Applicable standard

2. National standard (Chinese codex)/2000/
3. Corporate standard (Melting point tester)Q/12XQ0185-2004

Features

1. Testing the temperature with high-precision sensor ,emending nonlinear error automatically.
2. Using auto frequency-conversion control technology with jhigh accuracy in controlling temperature and little linear error in heating speed .
3. Auto-memorizing and nothing preset data and melt point ,holding without power .
4. Auto magnetism stirrer,with the bath oil even in temperature .
5. Auto-preset temperature,auto-heat ,display preset and real-time data alternately in time .
6. Automation:auto-test ,auto_diagnose,auto_alarm.

Specifications

- | | |
|-------------------------------|--|
| 1.Range of melting point | (50-270) °C |
| 2.Accuracy | $<200^{\circ}\text{C} \quad \nrightarrow \pm 0.5^{\circ}\text{C}$
$\geq 200^{\circ}\text{C} \quad \nrightarrow \pm 1.0^{\circ}\text{C}$ |
| 3.Usage temperature | (15-35) °C |
| 4.Range of preset temperature | (50-260) °C |
| 5.Oil bath | methyl silicone oil |
| 6.Oil bath cup | 250ML high beaker |
| 7.Rate | (0.5、 1.0、 1.5、 3.0) °C/min |
| 8.Accuracy of rate | $\leq 10\%$ |
| 9. Power of the heater | 200W |

10. Power	2 220V/110V, 1 phase /500W
11.Dimension	(320×180×290)mm
12.Weight	6.00KG

Ry-1Melting point tester



1. Melting point is the temperature of something turning to liquid from solid. It is the main method to detect some characters such as purity etc.

2 RY series are suitable for testing Melting point of drug ,spice and dye etc.

Applicable standard

4. National standard (Chinese codex)/2000/

5. Corporate standard (Melting point tester)Q/12XQ0185-2004

Features

1. Standard mercury thermometer survey temperature
2. The manual knob changes the heater voltage
3. Indicator type voltmeter demonstration heater voltage
4. By magnifying glass observation sample melting situation
5. Can test three sample together

Specifications

1.Range of melting point	(50-300) °C
2.Accuracy	<200°C ±0.5°C ≥200°C ±1.0°C
3.Usage temperature	(15-35) °C
4. Heating Rate	(1, 2, 4, 6) °C/min
5. Power of the heater	200W
6. Voltage,	220V/110V, 1 phase /500W
11.Dimension	(190*120*200) mm
12.Weight	3.00KG

RY-2 Melting point tester



1. Melting point is the temperature of something turning to liquid from solid. It is the main method to detect some characters such as purity etc.

2 MHR series are suitable for testing Melting point of drug ,spice and dye etc.

Applicable standard

6. National standard (Chinese codex)/2000/

7. Corporate standard (Melting point tester)Q/12XQ0185-2004

Features

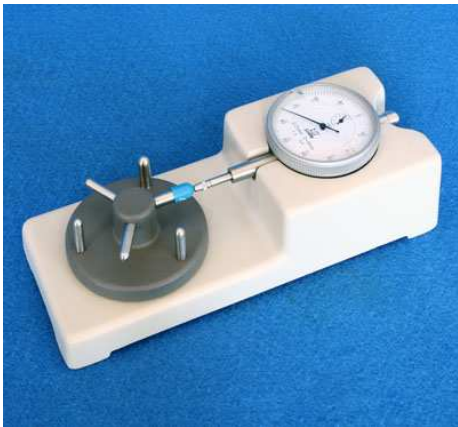
1. Standard mercury thermometer survey temperature
2. The manual knob changes the heater voltage
3. Indicator type voltmeter demonstration heater voltage
4. By magnifying glass observation sample melting situation
5. Can test three sample together

Specifications

1.Range of melting point	(50-300) °C
2.Accuracy	<200°C ±0.5°C ≥200°C ±1.0°C
3.Usage temperature	(15-35) °C

4. Heating Rate	(1, 2, 4, 6) °C/min
5. Power of the heater	200W
6. Voltage,	220V/110V, 1 phase /500W
11.Dimension	(1 9 0 * 1 2 0 * 2 0 0) mm
12.Weight	3.00KG

HD-1 Capsule Thickness Tester



HD series of instruments are used for detecting thickness of tablet and capsule .

Applicable standard

Corporate standard(Thickness tester)Q/12XQ0194-2004

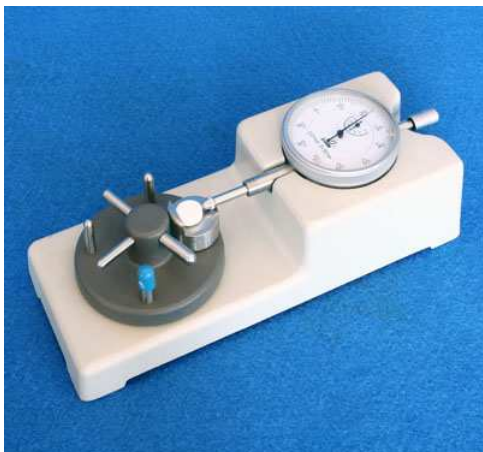
Features

1. Used for measuring thickness of peak and wall of capsule .
2. High-accuracy test with the most precise,high-quality homemade centigrade meter .

Specifications

1.Test range	(0-5) mm
2.Test accuracy	±0.01mm
3.Type of capsule	00,1,2,3,4type capsule .
4.Dimension	(20×8×5) cm
5.Weight	0.9KG

HD-2 tablet & capsule thickness tester



HD series of instruments are used for detecting thickness of tablet and capsules.

Applicable standard

Corporate standard(Thickness tester)Q/12XQ0194-2004

Features

3. Used for measuring thickness of peak and wall of capsule .
4. High-accuracy test with the most precise,high-quality homemade centigrade meter .

Specifications

- | | |
|-------------------|--------------------------|
| 1.Test range | (0-30) mm |
| 2.Test accuracy | ± 0.01 mm |
| 3.Type of capsule | 00,1,2,3,4type capsule . |
| 4.Dimension | (20×8×5) cm |
| 5.Weight | 0.9KG |

HD-3 capsule thickness tester



HD-3 instruments are used for detecting thickness of capsule .

Applicable standard

Corporate standard(Thickness tester)Q/12XQ0194-2004

Features

5. Used for measuring thickness of peak and wall of capsule .
6. High-accuracy test with the most precise,high-quality homemade centigrade meter .

Specifications

- | | |
|-------------------|--------------------------|
| 1.Test range | (0-5) mm |
| 2.Test accuracy | ± 0.01 mm |
| 3.Type of capsule | 00,1,2,3,4type capsule . |
| 4.Dimension | (16×6×4) cm |
| 5.Weight | 0.3KG |

HD- 4 tablet & capsule thickness tester



HD-4 instruments are used for detecting thickness of tablet

Applicable standard

Corporate standard(Thickness tester)Q/12XQ0194-2004

Features

7. Used for measuring thickness of peak and wall of capsule .
8. High-accuracy test with the most precise,high-quality homemade centigrade meter .

Specifications

- | | |
|-------------------|--------------------------|
| 1.Test range | (0-30) mm |
| 2.Test accuracy | ± 0.01 mm |
| 3.Type of capsule | 00,1,2,3,4type capsule . |
| 4.Dimension | (16×6×4) cm |
| 5.Weight | 0.3KG |

CM-1 Transparency tester for liquid



It tests Definition of injection and bottled medicine liquid .

Applicable standards.

2. National standard (Chinese codex)/2000/
3. Health department standard WB1-362(B-121)-91
4. Corporate standard(Clarify tester)Q/12XQ0193-2004

Features

1. The three-primary-color fluorescent lamp is controlled by good lighting sensor, electronic inductor and shading .
2. Flash eliminated .illumination is adjustable .
3. Time and alarm automatically .Test continuously.
4. Used by one person.

Specifications

- | | |
|----------------------|--------------------------------------|
| 1.Lamp | three-primary-color fluorescent lamp |
| 2.illumination range | (1000-4000) LUX |
| 3.Time range | (1-99)s |
| 4.Power | 220V/110V, 1 phase /30W |
| 5.Dimension | 660×180×500mm |
| 6.Weight | 11KG |

CM-2 Transparency tester for liquid



It tests Definition of injection and bottled medicine liquid.

Applicable standards:

2. National standard (Chinese codex)/2000/
3. Health department standard WB1-362(B-121)-91
4. Corporate standard(Clarify tester)Q/12XQ0193-2004

Features

1. The three-primary-color fluorescent lamp is controlled by good lighting sensor, electronic inductor and shading .
2. Flash eliminated .illumination is adjustable .
3. Time and alarm automatically .Test continuously.
4. Used by two person at the same time.

Specifications

- | | |
|----------------------|--------------------------------------|
| 1.Lamp | three-primary-color fluorescent lamp |
| 2.illumination range | (1000-4000) LUX |
| 3.Time range | (1-99)s |

4.Power	220V/110V, 1 phase /50W
5.Dimension	660×380×500mm
6.Weight	22KG

RB-1 thaw tester for suppository



It is used for testing thaw of the suppository etc.

Applicable standards.

National standard(Chinese codex)/2000/

Features

1. The three net frames can be synchronously turn artificially.
2. Hyaline sleeve and bet frame are made of stainless steel .The overturn machine is up-to date and it can be turned flexibly.
3. A MPU is used to automatically control the temperature.
4. The magnetism-pimped circular water current can heat the system evenly,and the bath liquid can achieve an equal temperature.
5. Temperature and time controlled automatically.
6. Timing at will. The preset and real time data can be displayed alternately in time .

7. Automation :auto-test ,auto-diagnose .uto-alarm
8. Indicating and forecasting when turning over at preset time .alarming at fault.

Specifications

1.Numbers of sleeve	3units
2. Hyaline sleeve	high 60mm diameter inner 52mm
3. The net frame if stainless steel	two pieces diameter 50mm each 39 holes of 4mm
4..Turn frequency	1/10min
5.Automatic time range	(10-120)min
6.Accuracy of controlling temperature	(37±0.5) °C
7.Capacity of beaker	4L
8. Power	220v/50hz/1000w or 110v/60hz/1000w
9.Dimension	(680×380×580)mm
10.Weight	25KG

YB-1A Vacuum constant temperature drying oven



According to the “drying shrinkage measuring method” need of "the People's Republic of China Pharmacopoeia" , Absorbs the domestic and foreign similar products the merit, has the unique innovation product, its each target achieves the domestic similar products advanced standard.

Applicable standards

According to the People's Republic of China Pharmacopoeia in 2005.

Features:

1. Machine Succinct artistic.
2. Touches the pressed key lightly completely, the simplicity of operator
3. The vacuum degree is high, the sealing property is good
4. Controls the warm performance to be good, the temperature distribution is even

5. The indicator type vacuum degree demonstrated that the big digital temperature demonstrated that the understanding condition is more direct-viewing
6. On uncaps the type structure, exquisite nimble
7. The pressure resistance visible mirror, may momentarily observe the sample

Specifications

Vacuum range (0 ~ 0 . 1) M P a

Warm control range: (3 0 ~ 1 5 0) °C

Control precision: $\pm 2 . 0$ °C

Circumstance temperature: (1 5 ~ 3 5) °C

Heater power: 1 5 0 W

Voltage: 2 2 0 V / 5 0 H z / 1 5 0 W

Overall size: (3 6 * 3 6 * 2 5) c m³

Weight: 1 6 K G