

Reinheldt Dissolution System

The most efficient dissolution instruments in the market, specially designed with the end user in mind. They are simple to operate with features that make analyst training and lab integration easy. The dissolution apparatus is not only ideal for manual testing but can be easily integrated with our automated systems. Dissolution testing is a requirement for all solid oral dosage forms and is used in all phases of development for product release and stability testing; The tablet dissolution test apparatus is a key analytical test used for detecting physical changes in an active pharmaceutical ingredient (API) and in the formulated product.

Reinheldt Dissolution System (RDS-14S)



It can realize the test of basket method, paddle method small cup method, dish method (large and small dish) and drum method (long and short tube) to meet the requirements of blank and control

- The machine head is electrically lifted.
- The sampling frame is electrically lifted.
- Automatically set the clutch.
- Automatic, independent drug administration.
- Two-color lighting system.
- Multi-user management
- RS485 expansion interface.
- Biometric identification.
- Built-in printer Solvent monitoring.
- Stirring speed monitoring.
- Multi-user management.
- Connect to the sampler.
- High sensitivity capacitive touch screen.
- Rights management.
- Audit trail.

Technical Specification:

Model	RDS-14 S
Cup	12+2
Bath Temperature	RT-45 C
Solvent Temperature Detection	12 Channels
Temperature Resolution	0.01 C
Stirring Speed	25RPM-250RPM
Stirring Speed Resolution	0.01RPM
Dosing Channel	12
Head Lift Method	Electrical Method, Auto Method
Sample Point Resolution	1ml
Lighting System	Red Light, White Light
Number Of User	7 User
User Level	3 Class
Progrma	99
Record Keeping	128 Items * 366 Days

Reinheldt Dissolution System (RDS-14)



RDS-14

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- Stirring speed monitoring.
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- Connect to the sampler.
- High sensitivity capacitive touch screen.
- Rights management.
- Audit trail.

Technical Specification:

Model	RDS-14
Cup	12+2
Bath Temperature	RT—45°C
Solvent temperature detection	12 channels+2
Temperature resolution	0.01°C
Stirring speed	25RPM—250RPM
Stirring speed resolution	0.1RPM
Dosing channel	12+2
Head lift method	Electrical method
Head lift method	Electrical method、 Auto method
Sample point resolution	1ml
Number of user	7 users
User lever	3 class
programme	99
Record keeping	128 items *366 days

Reinheldt Dissolution System (RDS-8)



RDS-8

Dissolution

- It can realize the test of basket method, paddle method, small cup method, dish method (large and small dish), and drum method (long and short tube) to meet the requirements of blank and control.
- The machine head is electrically lifted.
- The sampling frame is electrically lifted.
- Automatically set the clutch.
- Automatic, independent drug administration.
- Two-color lighting system.
- Multi-user management.
- RS485 expansion interface.
- Built-in printer.
- 101. Solvent monitoring.
- Stirring speed monitoring.
- Multi-user management.
- Connect to the sampler.
- High sensitivity capacitive touch screen.
- Rights management.
- Audit trail.

Technical Specification:

Model	RDS-8
Cup	8
Bath Temperature	RT-45°C
Solvent temperature detection	8 channels
Temperature resolution	0.01°C
Stirring speed	25RPM—250RPM
Stirring speed resolution	0.1RPM
Dosing channel	8
Head lift method	Electrical method
Head lift method	Electrical method
Sample point resolution	1ml
Lighting system	Red ligh/White light
Number of user	7 users
User lever	3 class
Programme	99
Record keeping	128 items *366 days

Sampling RY8



Description

- Use a precision glass syringe as the sampling power.
- Adopt high precision, high pressure and high chemical stability valve body.
- Built-in micro printer.
- Multi-user management.
- RS485 expansion interface 1.
- The internal use of high chemical stability of the Teflon pipeline.
- Has the same amount of rehydration function?
- With independent pipeline system, it can meet the control requirements of blank and standard for dissolution test.
- A cylindrical filter head with a pore size of 10 μm was sampled at the initial filtration, and a $\phi 25$ mm syringe filter having a pore size of 0.8 μm /0.45 μm /0.22 μm was selected as needed for the secondary filtration. A 11.16-bit test tube rack can hold up to 192 tubes.
- The sampling tube is equipped with a silicone cap to prevent evaporation and contamination of the sample.
- Can be operated online with the dissolution apparatus.
- Ampoule collection device.
- High sensitivity capacitive touch screen.
- Rights management.
15 Audit tracking

Technical Specification:

Model no	RY8
Sampling channel	8
Sample times	16
Longest sampling interval	99 hours 59 minutes
Minimum sampling interval	1 minute for the firsttime, 2-10 minutes for the rest
Continuous working hours	99 hours 59 minutes × 16
Sampling filter period	<30 Second
Sample volume (or fluid volume)	1ml—100ml
Single tube distribution amount	0ml—15ml
Sampling accuracy	RSD1% (10ml)
User program	99
Number of users	7 users
User level	3 class
Record keeping	128 items *366 days

R202 Intelligent Disintegration



R202

Overview:

R202 intelligent disintegration instrument is a new type of instrument designed in accordance with the requirements of the Chinese Pharmacopoeia. The detection of the disintegration time limit of 3 cups and 18 samples can be achieved.

Function parameter:

- Basket disintegration time limit detection system.
- High precision PT1000 temperature sensor.
- The test time can be adjusted.
- Time and temperature are displayed in real time.
- Overheat protection.
- The whole water bath box has no water bath cycle dead angle and is easy to clean.
- The overall design, high-grade and simple.
- Independent lighting system.
- One-piece, quick release basket card (patented product).
- High sensitivity capacitive touch screen.
- Rights management.
- Audit trail.

Technical data:

Model no	R202
Tem Range	RT-45°C
Tem Resolution	0.01°C
Basket no	3 cup
Lifting Frequency	30—32 Times/Min
Lifting distance	55mm±1mm
Cup to Bottom distance	25mm±2mm
Screen Wet hole Dia	2mm Optional 1mm、0.71mm、0.42mm
Block density	1.18—1.20g/c m ³
No of user	7 users
Class of user	Class 3
Record keeping	96pcs*366day

Reinheldt Hardness Tester



RHT-786

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

Applicable standards:

Corporate standard (Tablet hardness tester) Q/12XQ0186-2010

Features:

The tablet is loaded artificially and pressed automatically.

There is high accuracy press sensor and hardness data is displayed on LED.

It tests tablet hardness continuously. The biggest number is 100 pieces of a gang. Time of testing will be saved by directly measuring the diameter.

Test data is displayed and locked automatically, so can test be reset and cycled.

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

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

Specifications:

- Hardness range (2~199.9)N
- Hardness accuracy Max. *($\pm 0.05\%$)
- Probe procession range (3~40)mm
- Test period 20S/P
- Max number in each group 100P
- Power 220V/ 50Hz/ 60W or 110V/ 60Hz/ 60W
- Dimension (500*300*160)mm³

Reinheldt Digital Friability Test Apparatus



RDF - 20

Application:

It is used for detecting friability/abrasion of tablet.

Features:

- Automation: auto-test, auto-diagnose, auto-alarm.
- Intelligently control the rotating speed of cylinder and revolutions.
- One drum runs synchronously. Auto stop at timing point. (only for TFT-4)
- Single path and double cylinder, synchronous operation and automatic stop. The revolution of the drum can be preset at any time, either preset or real data is displayed on the LCD.
- Microprocessor unit is used to control all operations, high accuracy is achieved in testing rotary speed and circle number.

Model	RDF-20			
Cylinder Number	2	1		
Cylinder Radius	Φ286			
Cylinder Depth	39mm			
Tablet Fall Height	156mm			
Rotating Speed	20~100rpm	25 rpm		
Rotation Count	5~900 turns	100 turns	5~900 turns	20-900 turns
Consumption	40W	20W	40W	
Power Supply	AC110 /220V±10%, 50/60Hz			
External Size (W*D*H) mm	370*300*340			
Package Size(W*D*H) mm	440*400*525			
Gross Weight (kg)	12			

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