



SINCE 1989

DRUG TEST INSTRUMENTS CATALOG

SCIENTZ DRUG CONTROL

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MDS-2008

Drug Dissolution Sampling System



Description

MDS-2008DS Dissolution Tester

MDS-2008 Drug Dissolution Sampling System meets the performance indexes of Chinese Pharmacopoeia and 21 CFR Part 11. It is designed for high-end pharmaceutical companies, drug testing centers and scientific research institutes around the world, and consists of Dissolution Tester and Auto sampler. It realizes fully automatic sampling and preservation of samples in drug dissolution test, which can effectively improve the experimental efficiency.

Dissolution cup

Embedded retention hoops prevent collisions, reduce evaporation and provide better centering and verticality. Indicator strips on the rim of the cups and diagonal mounts minimize variation between dissolution processes. Dissolution cups are available in 1000mL and 250mL sizes, with the 1000mL size available in a brown, light-proof dissolution cup.



Anti-evaporation cover

Considering the impact of solvent evaporation on the experimental results, the MDS-2008DS is designed with a V-shaped lid that fits perfectly with the dissolution cup to minimize solvent evaporation.

Automatic dosing module

The ingenious design of the automatic dosing module avoids the sticking of tablets, and can realize 8 cups dosing at the same time, and also can take into account the sequence of dosing, which can effectively improve the accuracy of dosing.

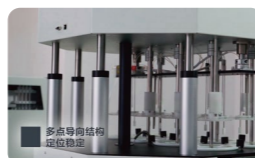


Water bath

One-piece injection-molded water baths with quick-connect fittings: Quick-connect fittings and rounded corners that allow the circulating water to be completely emptied save time in cleaning the instrument, preventing dirt and bacteria from being trapped in the seams of conventional water baths.

Segmented paddle shafts

Using a segmented 316L stainless steel paddle shaft design that includes paddles, rotating baskets, rotating barrels and small volume options allows for the attachment of interchangeable baskets and paddles and eliminates the need for height readjustment before and after conversion, saving significant time.

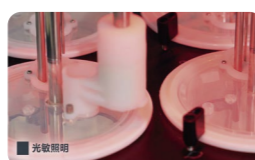


Stainless steel guide rods

The use of multi-point stainless steel guide bar, excellent to ensure the stability of the machine head, for the dissolution of the cup and the center of the rotary axis of the positioning of the stability to provide strong support for the effective prolongation of the mechanical properties of the stabilization time.

Built-in printer

The instrument is equipped with a built-in printer, real-time printing log records, the experimental process data records can be audited query, logs can be exported to consult (need to use the company's special software to open the exported documents).



Photosensitive lighting

The instrument has built-in photosensitive illumination, together with the brown dissolution cup, to better realize the experiment of avoiding light.

One click import

100 experimental methods storage space, USB can realize one-click import and export operation, avoiding the tedious steps of method transfer between different instruments.

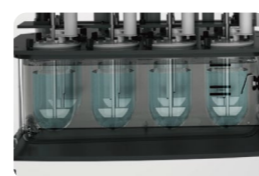


Certification and technical support

Certification and Technical Support: We also provide standards-compliant AIQ certification services, mechanical validation services, and technical and application-related support services such as instrument training and installation training.

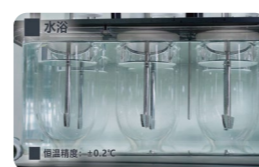
Heating circulation system

Relying on the Scientz's many years of experience in the field of temperature control, MDS-2008Ds is equipped with an independently controlled heating circulation system, which can minimize vibration under the condition of saving the volume of the experimental table. The unattended reservation function can realize unmanned automatic thermostatic water bath, saving experiment time.



Temperature probe

Eight cups of independent temperature probe, can realize eight cups of solvent temperature independent monitoring, real-time display, and the temperature probe can be raised during the dissolution experiment, will not interfere with the dissolution experiment. Adopting PID+ fuzzy control, the temperature control accuracy reaches $\pm 0.2^{\circ}\text{C}$, and the temperature resolution reaches 0.1°C .



Administrative authority

The MDS-2008DS provides three levels of administrative privileges that meet audit trail requirements, controlling access and blocking unnecessary changes to instrument settings or methods.



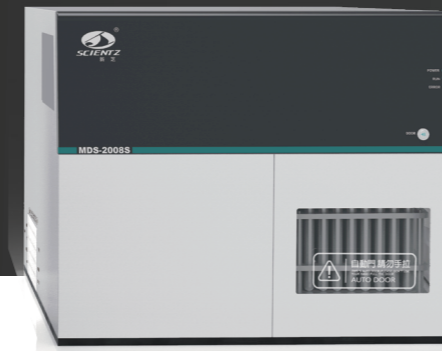
Color touch screen

Featuring a 10-inch color touch screen, the touch panel can be easily manipulated to set up, store and run up to 100 methods. The intuitive interface with screen-lock safety feature also offers Chinese and English as language options.

Technical Parameter

Instrument performance indicators	Heating range of water bath: RT-45.0°C	Instrument Functions	Compatible with basket method, paddle method, small cup method, paddle dish method, rotating cylinder method.
	Temperature resolution: 0.1°C		Dissolution cups: 6/8 cups.
	Temperature control accuracy: $\pm 0.2^{\circ}\text{C}$		Segmented swivel design, no need to readjust the height for switching between basket, paddle and swivel methods.
	Stirring speed range: 10.0-300.0RPM		Automatic synchronized dosing/sequential dosing.
	Speed resolution: 0.1RPM		Photosensitive illumination: white/red three-level illumination.
Instrument Mechanical Indicators	Speed accuracy: $\pm 0.5\text{RPM}$	More than 100 experimental methods can be stored and imported and exported by USB.	
	Basket (paddle) shaft swing: $\leq 0.5\text{mm}$	39 login accounts and passwords can be stored, and operating privileges can be controlled at 3 levels.	
	Swing of rotating basket: $\leq 1.0\text{mm}$	With operation record printing and logging function, and can audit trail.	
	Deviation between rotating shaft and dissolving cup shaft: $\leq \pm 1.5\text{mm}$		
	Dissolution meter level: $\leq 0.2^{\circ}$		
Working humidity	(20~80)% RH	Input power supply	220VAC $\pm 10\%$ 1300w
Storage humidity	(5~95)% RH	Dimensions	$\approx 670 \times 565 \times 640\text{mm}$
		Overall weight	$\approx 65\text{kg}$
		Operation temperature	(10~30) °C
		Storage temperature	(-20~60) °C

MDS-2008 Auto Sampler



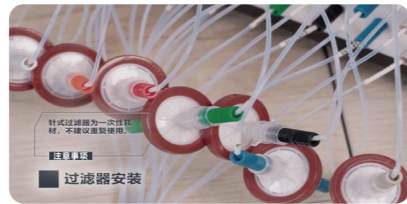
Drug Dissolution Sampling System consists of a dissolution tester and an auto sampler.

Description

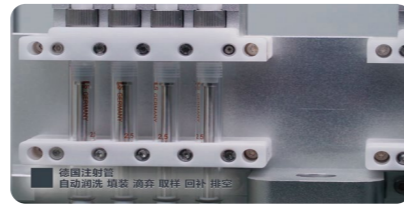
MDS-2008DS Auto Sampler



·Fully automated silo doors for one-touch in and out of the silo.
·Automatic positioning detection function for test tube racks.



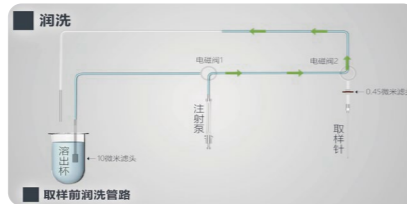
·Automatically calculates the sampling height, at the moment of sampling can be based on the volume of solvent in accordance with the pharmacopoeia in the position of accurate sampling.
·Equipped with a secondary filter interface, more adequate solvent filtration.



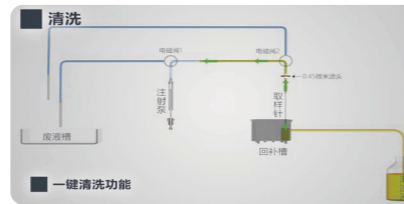
·Adoption of German syringes, automatic rinsing, filling, waste liquid disposal, sampling, back filling, emptying and other steps to ensure the sampling accuracy, while ensuring that the pipe line residue as little as possible.



·High quality PTFE micro-transparent piping with excellent corrosion and adsorption resistance.



·Continuous sampling, dual sample sampling, automatic sample dilution and other functions.
·Automatically lubricates piping and sampling pumps before sampling to ensure sample accuracy.



·One-click automatic cleaning of the liquid tank and pipeline after the completion of the experiment to ensure no cross-contamination.

Technical Parameter

performance parameter	Single sampling volume: 0.1-15mL (single); 0.2-30mL (double)	Dimensions	≈515x660x460mm
	Sampling frequency: 1-16 times (single); 1-8 times (double)	Whole machine weight	≈53Kg
	Sampling accuracy: ± 0.8% (10mL)	Operation temperature	(10~30) °C
Instrument functions	Fully automatic lubrication, filling, dripping, sampling, replenishment, dilution, emptying, and cleaning	Storage temperature	(-20~60) °C
	Accurate sampling with injection pump, adjustable suction stop time	Working humidity	(20~80)% RH
Input power supply	220VAC ± 10% 200W	Storage humidity	(5~95)% RH

MDS-2008T Mechanical Verification Tools



Description

MDS-2008T Mechanical Verification Toolbox is a set of mechanical parameter testing device for dissolution meter in accordance with the "Guideline for Mechanical Validation of Drug Dissolution Meter" developed by the State Food and Drug Administration, which is applicable to the calibration of all series of Scientz Dissolution tester and standard dissolution test of other manufacturers.

Technical Parameter

Inspection items: levelness, verticality, coaxiality, depth, speed, oscillation, temperature and other parameters.

Resolution: Coaxiality, depth, oscillation: 0.01mm

Temperature: 0.1°C

Verticality: 0.01°

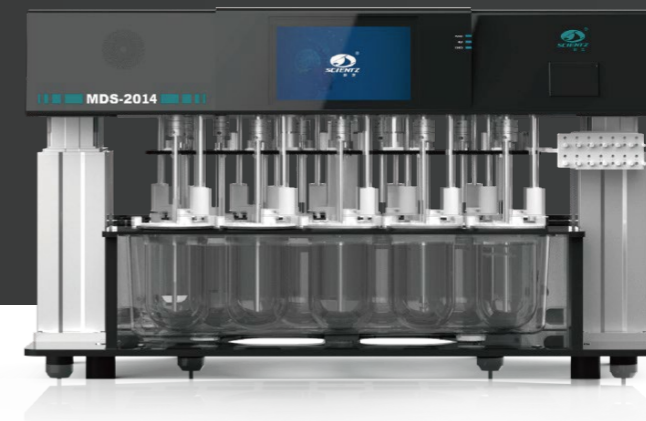
Stirring speed: 0.01rpm

Provide special validation software to automatically record and judge the validation effect.



MDS-2014

Drug Dissolution Sampling System



Description

MDS-2014DS Dissolution Tester

MDS-2014 Drug Dissolution Sampling System meets the performance indexes of Chinese Pharmacopoeia and 21 CFR Part 11. It is designed for high-end pharmaceutical companies, drug testing centers and scientific research institutes around the world, and consists of Dissolution Tester and Auto sampler. It realizes fully automatic sampling and preservation of samples in drug dissolution test, which can effectively improve the experimental efficiency.

Dissolution cup

The Dissolver is equipped with 14 cups and 14 paddles, two of which are independent isothermal refill cups. The large cup and small cup compatible design allows for quick switching and easy operation by the operator. The dissolution vessel is available in 1000mL and 250mL specifications, of which the 1000mL specification can choose a brown light-proof dissolution vessel.

Automatic dosing module

The ingenious design of the automatic dosing module avoids the sticking of the tablets, which can realize the simultaneous dosing of 14 cups, and can also take into account the sequential dosing, which can effectively improve the accuracy of dosing.

Water bath

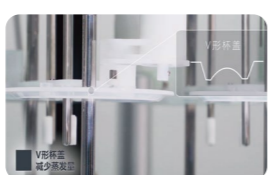
Water bath with Quick Connect Fittings: Quick connect fittings and a rounded water bath design that allows complete draining of circulating water saves time cleaning instruments and prevents dirt and bacteria growth in the seams of traditional water baths.

Heating Circulation System

Relying on the company's accumulated experience in the field of temperature control for many years, the MDS-2014DS is equipped with an independently controlled heating cycle system, which can minimize vibration while saving the volume of the experimental bench. The unattended reservation function can realize unattended automatic constant temperature water bath, saving experimental time.

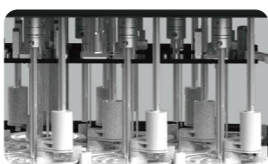
Color touch screen

With a 10-inch color touch screen, the touch panel is easily manipulated to set up, store and run up to 100 methods. Intuitive interface with screen lock security feature, Chinese and English are also available as language options.



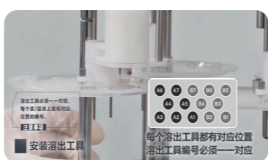
Anti-evaporation cover

Considering the influence of solvent evaporation on experimental results, MDS-2014DS adopts a V-shaped lid design that fits perfectly with the dissolved cup to minimize solvent evaporation.



Stainless steel guide rod

The multi-point stainless steel guide rod is used to ensure the stability of the handpiece, providing strong support for the stability of the positioning of the dissolution vessel and the center of the rotating shaft, and can effectively prolong the mechanical performance stabilization time.



Segmented paddle shaft

The use of a segmented 316L stainless steel paddle shaft design, including paddles, baskets, bowls and low volume options, allows interchangeable baskets and paddles to be attached, and can avoid height readjustments before and after conversion, saving significant time.



Temperature probe

The 14-cup independent temperature probe can realize the independent monitoring and real-time display of the 14-cup solvent temperature, and the temperature probe can be raised during the dissolution test. Using PID+ fuzzy control, the temperature control accuracy reaches $\pm 0.2^\circ\text{C}$, and the temperature resolution reaches 0.1°C .



Administrative rights

The MDS-2014DS provides four levels of administrative privileges compliant with audit trail requirements, controlling access and preventing unnecessary changes to instrument settings or methods.



Real-time display of instrument level

Monitor the levelness of the whole instrument in real time and display it in the interface.



Intelligent voice broadcast function

During the operation of the instrument, users can be reminded of the current status of the instrument and the follow-up operations required through voice broadcast.



Certification and Technical Support

Certification and technical support: We also provide standard-compliant AIQ certification services, mechanical verification services, and technical and application related support services such as instrument training exported document needs to be opened using the and installation training.



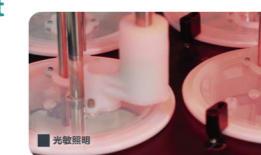
7×2 independent operation, adjustable speed

Two groups of parallel experiments can be carried out at the same time, and the speed of the two groups can be differentiated.



One-click import

144 experimental method storage space, USB can realize one-click import and export operation, avoiding the tedious steps of method transfer between different instruments.



Photosensitive lighting

The instrument has built-in light-sensitive illumination, and the brown dissolved cup is used to better realize the light avoidance experiments.

Technical Parameter

Instrument performance indicators	Water bath heating range: RT -45.0 °C	Instrument function	Network Interface: 100M RJ45
	Resolution: 0.1°C		Compatible with basket method, paddle method, small cup method, paddle butterfly method and tumbler method
	Temperature control accuracy: $\pm 0.2^\circ\text{C}$		Number of cups: 14 cups
	Stirring speed range: 10.0-300.0RPM		Segmented shaft design, no need to manually readjust the height of the positioning basket (paddle) when switching dissolution methods
Instrument mechanical indicators	Speed Resolution: 0.1RPM	Operating temperature (10~30) °C	Automatic simultaneous dosing/sequential dosing
	Speed accuracy: $\pm 0.5\text{RPM}$		Photosensitive lighting: white light/red light three-level lighting
	Basket (paddle) shaft swing amplitude: $\leq 0.5\text{mm}$		Save more than 100 experimental methods, and can import and export USB operation
	Rotating basket swing range: $\leq 1.0\text{mm}$		Permissions can be divided into 4 levels of control
Degree of work	Deviation between the rotating shaft and the dissolution vessel shaft: $\leq 1.5\text{mm}$	Storage temperature (-20~60) °C	With operation record printing and log recording function, and can audit and track dissolution
	Instrument levelness: $\leq 0.2^\circ$		Storage degree (5~95)% RH
	Basket (paddle) axis verticality: $90 \pm 0.5^\circ$		
	Dissolution vessel verticality: $90 \pm 1^\circ$		

MDS-2014 Auto Sampler



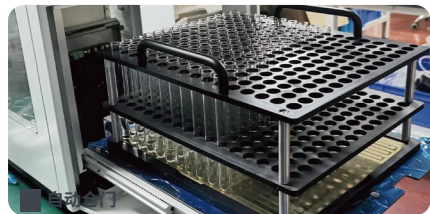
Drug Dissolution Image Analysis System



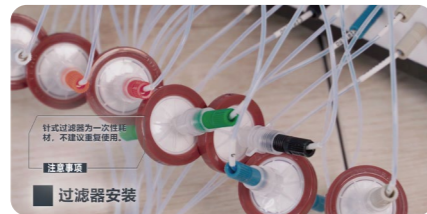
Description

MDS-2014DS Auto Sampler

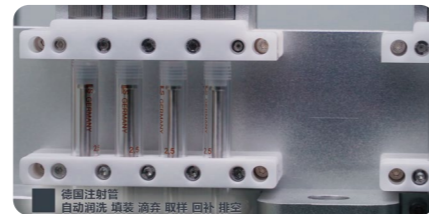
Drug Dissolution Sampling System consists of a dissolution tester and an auto sampler.



·Automatic door opening device to realize one-click entry and exit of the warehouse.
·Test tube rack automatic positioning detection function.



·Automatically calculate the sampling height, and at the sampling time, you can accurately sample at the position that meets the Pharmacopoeia according to the volume of the solvent.
·Equipped with a secondary filter interface, the solvent filtration is more sufficient.



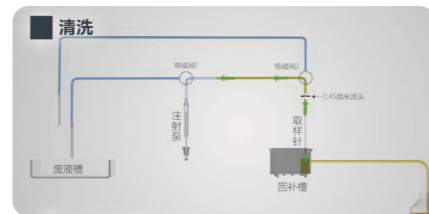
Using syringes imported from Germany, automatic rinsing, filling, waste dripping, sampling, replenishing, emptying and other steps ensure sampling accuracy and ensure that the pipeline remains as little as possible.



·Adopt PTFE micro transparent pipeline, with excellent anti-corrosion and anti-absorption attachment.



·Continuous sampling, dual sample sampling, automatic sample dilution and other functions.
·Automatically rinse the pipeline and sampling pump before sampling to ensure the accuracy of sampling.



One-click automatic cleaning of the liquid tank and pipeline after the experiment is completed to ensure no cross-contamination.

Technical Parameter

Performance parameters	Number of sampling channels : 14	Instrument function	Fully automatic rinsing, filling, dripping, sampling, replenishment, dilution, emptying, cleaning
	Single sampling volume: 0.1-10mL (single); 0.2-20mL (double)		Precise sampling by syringe pump, suction and stop time can be set
	Sampling times: 1-32 times (single); 1-16 times (double)		
	Control interface: RS 485	Operating temp	(10~30) °C
	Automatic dilution accuracy: ±1%		Storage temp
	Temperature control accuracy of replenishment: ≤ ±0.5°C	Degree of work	(20~80)% RH
	Sampling accuracy: ≤0.8% (10mL sampling)	Storage degree	(5~95)% RH
	Minimum sampling interval: 1 minute 20 seconds (initial sampling), minimum sampling interval 2 minutes (subsequent sampling)		

Description

Drug Dissolution Image Analysis System is an integrated hardware and software system independently developed by Scientz Biotechnology, which allows you to display real-time images, save information, view and analyze the drug dissolution experimental process. It well solves the problem of observing and recording the changes of the physical properties of the drug under test in the process of dissolution experiments, which provides a new observation dimension for you to carry out drug research and development, and also provides data support and video for you to analyze the quality of drug production.

Features



Analysis Software

You can use the drug dissolution image analysis software to realize process monitoring, data recording, data saving, data access and other functions. The analysis software is linked and synchronized with the dissolution sampling software for data interoperability without the need for complex program management and setup.



High-definition Cameras For Experimental Environments

Equipped with 14 experimental environment-specific high-definition cameras, up to support 1920 * 1080 full HD video recording.



Data Storage

The experiment starts, automatic recognition and video recording, the data is saved in the computer and can be viewed at any time.



Sampling Time Point Recording Function

When samples are taken, they are automatically photographed and marked with text, making it easy to find and analyze key time points at a later stage.



Playing Speed

Support fast playback and slow playback to meet all kinds of analysis requirements.

System Pages



Imaging System Panorama

Image Detail

Image Search Interface

TDS-1012

Automated Transdermal Diffusion System



Description

The instrument is mainly used for in vitro release test and in vitro transdermal test of semi-solid preparation.



Penetration Cup

Good heat transfer Performance and construction in accordance with USP<1724> requirements.



Bubble Free

Ensure that the membrane is in full contact with the receiving medium for a long period of time.



12-Cell Design

Different temperatures and stirring speeds can be set to meet the needs of both test and reference formulations.



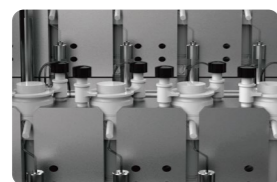
Multi-size

Provide 1mm, 2mm, 3mm, 5mm dosing ring, flexible control of the dose.



Dry Heating Method

Dry heating method for even temperature, precise controlling ($\pm 0.2^\circ\text{C}$)



Vessel Cover

Designed to ensure constant temperature and protect media from light, reducing evaporation.



Multi-Specification Rotors

Flexible change of diffusion cell volume with different rotor volumes.



Ergonomic Design

10-inch touch screen control Screen angle can be flexibly adjusted.



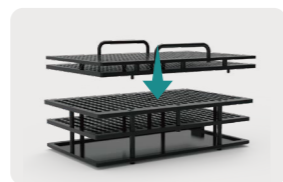
High Precision Syringe Pumps

High-precision imported syringe pump, automatic positioning to achieve fast and accurate sampling, sampling error $\leq 0.08\text{ml}$.



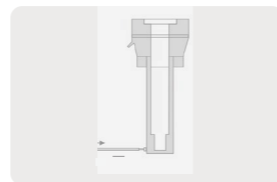
12 Cells

12 cells for independent media channels, can realize the same kind of drugs, different media comparison experiments; can realize the full-throughput sampling.



2-in-1 Sample Rack

2-in-1 sample racks for both tubes and liquid phase vials.



Automatic Fluid Replenishment

Automatic isothermal rehydration during the experiment can avoid the effect of temperature fluctuation on the release or transdermalization.



Automatic Cleaning

Automatic cleaning and emptying of the diffusion cell and piping system at the end of the experiment.

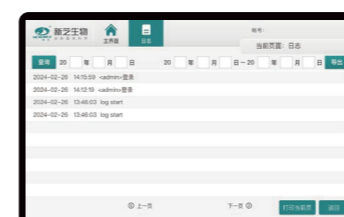


Sampling Frame Monitoring

Sample rack reminder function to avoid misplacing and omitting.



Intelligent Software



Paperless Management:

Supports log query viewing
Supports local printing and history log query.



Multi-account Login:

Four levels of administrative privileges to control access and block unnecessary instrumentation or method changes.



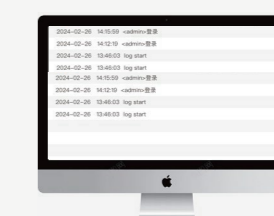
Program Import:

Supports import and export functions to realize method program sharing between the same devices.



Intelligent Interaction:

Support intelligent voice announcement function



PC view log function

Number Of Diffusion Cells	12	Number Of Samples Taken	20times
Diffusion Cell Heating Range	RT~45.0°C	Input Power	220Vac \pm 10% 50/60Hz 10A
Temperature Resolution	0.1°C	Power	500W
Temperature Control Accuracy	$\pm 0.2^\circ\text{C}$	Dimension	L975*W580*H470mm
Rotation Speed Range	10-1000rpm	Weight	102Kg
RPM Resolution	0.1 rpm	Operating Temp.	10~30°C
Rotation Speed Accuracy	± 0.5 rpm	Storage Temperature	-20~60°C
Sampling Accuracy	$\leq 0.08\text{mL}$	Operating Humidity	20~80%RH
Sampling Volume	0.1mL~10mL	Storage Humidity	5~95%RH

① RT means 15°C~25°C room temperature.

RTD-2010

Thermostatic Degasser



Description

Thermostatic degasser is a new generation of vacuum membrane degassing device developed and produced to meet the demand for short time, large quantity and continuous degassing treatment. It can effectively degas all kinds of solvent media to ensure the accuracy of downstream experimental results.

Features

- Standards Compliance**
Conforms to the standards of Chinese Pharmacopoeia for the preparation of dissolution media.
- Logging Function**
Logging with audit trail.
- Efficiently**
Heating, vacuum and circulation in one.
- Human-Computer Interaction**
Colour touch screen, clear parameters, easy to operate.
- Hydraulic Inspection**
Equipped with hydraulic pressure detection, automatic switching between self-priming type and external pressure type can be realized.
- High Precision**
Automatically complete the quantitative liquid inlet, preheating, degassing and quantitative liquid discharge, single liquid discharge accuracy up to $\pm 1\%$.
- Wide range of application**
It can directly handle solvents, pure water, distilled water, etc., which are commonly used in dissolution experiments, and is more efficient and widely applicable than the traditional method.

Technical Parameter

Model	RTD-2010	Input Power	220Vac $\pm 10\%$ 1700W
Performance Parameters	Heating range: room temperature ~ 45°	Size	530x300x560mm
	Temperature unit: 0.1° C	Weight	23Kg
	Temperature control accuracy: $\pm 2^{\circ}\text{C}$	EMC	IEC6100-4-2, IEC6100-4-4, IEC6100-4-5, IEC6100-4-11
	Volume unit: 0.1mL	Operating Temperature	(5~40) °C
	Dispensing precision: $\leq \pm 1^{\circ}\text{C}@1000\text{ml}$	Storage Temperature	(-20~60) °C
	Degassing rate: 1000ml/min	Operating Humidity	(20~80)% RH
	Vacuum unit: 0.1KPa	Storage Humidity	(5~95) % RH
	Vacuum degree: $\leq 0.01\text{MPa}$		
	Logging function with audit trail		

RTD-3000

Thermostatic Degasser



Description

Thermostatic degasser is a new generation of vacuum membrane degassing device developed and produced to meet the demand for short time, large quantity and continuous degassing treatment. It can effectively degas all kinds of solvent media to ensure the accuracy of downstream experimental results.

Features

- Logging Function**
Logging with audit trail.
- Efficiently**
Heating, vacuum and circulation in one.
- Human-Computer Interaction**
Colour touch screen, clear parameters, easy to operate.
- Higher Degassing Efficiency**
1500ml/min.
- Higher Temperature Control Precision**
Adopting the unique two-stage heating temperature control system, the temperature control accuracy can reach $\pm 0.5^{\circ}\text{C}$.
- Hydraulic Inspection**
Equipped with hydraulic pressure detection, automatic switching between self-priming type and external pressure type can be realized.
- High Precision**
Automatically complete the quantitative liquid inlet, preheating, degassing and quantitative liquid discharge, single liquid discharge accuracy up to $\pm 1\%$.
- Wide range of application**
It can directly handle solvents, pure water, distilled water, etc., which are commonly used in dissolution experiments, and is more efficient and widely applicable than the traditional method.
- Temperature Range**
Maximum single temperature increase of 30°C.
- Impurity Filtration**
Internal self-filtering device.

Technical Parameter

Model	RTD-3000	Input Power	220Vac $\pm 10\%$ 16A 50/60Hz 3600W up
Performance Parameters	Heating range: RT ~ 45°C	Size	590*370*580mm
	Temperature unit: 0.1°C	Weight	33kg
	Temperature control accuracy: $\pm 0.5^{\circ}\text{C}$ up	EMC	IEC6100-4-2, IEC6100-4-4, IEC6100-4-5, IEC6100-4-11
	Volume unit: 0.1mL	Operating Temperature	(5~40) °C
	Dispensing precision: $\leq \pm 1^{\circ}\text{C}@1000\text{ML}$	Storage Temperature	(-20~60) °C
	Degassing rate: 1500ml/min up	Operating Humidity	(20~80)% RH
	Vacuum unit: 0.1KPa	Storage Humidity	(5~95) % RH
	Vacuum degree: $\leq 0.01\text{MPa}$		
	Logging function with audit trail		

ZBJ01 Intelligent Disintegrator



Description

- With a 3-cup design, 3 sets of disintegration time limit tests can be performed simultaneously.
- The overall water bath design is adopted, and the temperature of the water bath is more stable and uniform.
- Using high-precision platinum resistance Pt1000 sensor, the temperature is more accurate.
- The use of a quick-disassemble gondola card can quickly disassemble and assemble the gondola.
- Color touch screen operation, automatic positioning of sandblasting bottom plate.
- 3 cups independent lighting system for easy observation.
- It has the functions of audit trail and authority management.
- The instrument is equipped with a built-in printer.

Features

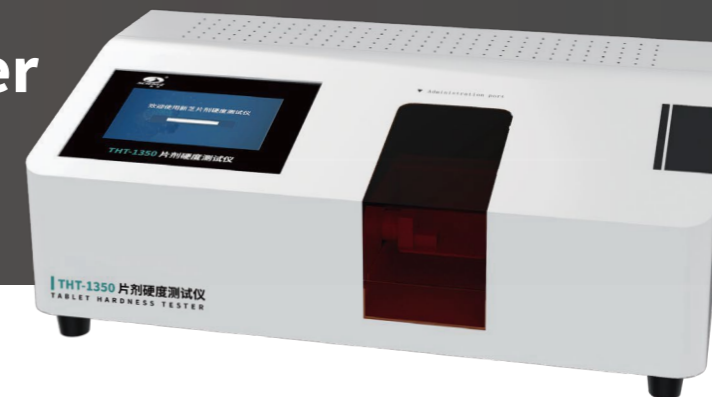
- Color touch screen
- DC brush-less circulating pump
- Quick disassembly and assembly of gondola cards
- One-piece paint injection shell
- Temperature protection switch
- Independent lighting system
- With positioning sandblasting base plate
- Audit trail
- High-precision platinum resistance Pt1000 sensor
- Integrated water bath
- Authority management

Technical Parameter

Number Of Gondolas	3
Lifting Distance	55mm±1mm
Upgrade Frequency	31times/min
Water Bath Temperature	RT~45°C
Temperature Resolution	0.01°C
Temperature Control Accuracy	37°C±0.3°C
Screen Aperture	Standard 2mm Optional: 1mm,0.71mm,0.42mm
Authority Management	Three-levels,seven users
Audit Trail	96 pcs × 366 days
Login Method	User name+Pass word,Finger print
Print Online	Support(optional)



THT-1350 Tablet Hardness Tester



Description

THT tablet hardness tester is mainly used to measure tablet hardness and diameter. It is widely used in pharmaceutical companies, drug inspection and testing units, and customers in the fields of drug research and development, quality control.

Features

- HD touch screen control, easy and fast to use.
- With real-time calendar clock function, the test and calibration date and time can be printed in the test report.
- Adopt high-precision pressure sensor to ensure high output measurement accuracy.
- It has the function of fault self-diagnosis, and automatically prompts some abnormal phenomena in the test.
- Chinese or English interface optional.
- Parameter settings are automatically saved until reset.
- Statistics, analysis, printing and display of measurement data can be performed automatically.
- With calibration function, display and print calibration results.

Technical Parameter

Measuring Range	Hardness 0~350N, resolution 0.1N	Measurement Method	Manual single piece / automatic continuous (the maximum number of measuring pieces is 100 pieces)
Measuring Diameter Range	2.0~25.0mm, resolution 0.01mm	Display	5 inch touch screen
Unit Of Measure	Hardness: N/Kg/Kap; Diameter: mm/inch.	Interface	Centronic standard serial printing interface, can be connected to micro-printing (Chinese or English output)

SZ-CMII Clarity Tester



Description

SZ-CMII type clarity tester adopts visual light inspection method, which is used for the clarity test of all kinds of injections, I.V. fluids and bottled medicinal liquids.

Features

- The instrument uses three-colour fluorescent lamps, electronic ballasts and adjustable shading devices composed of the light path system, which can eliminate stroboscopic, adjustable illumination, improve the resolution of visual inspection, reduce visual fatigue.
- Digital electronic illuminance meter reading intuitive, stable and reliable. Detection time can be set arbitrarily with sound and light alarm function.
- Detection time can be set arbitrarily, and has sound and light prompt function. Tips timing start and end.
- The instrument is reasonable in design, stable in performance, easy in operation and beautiful in appearance, and is the ideal instrument for clarity testing as stipulated in the Chinese Pharmacopoeia.

Technical Parameter

Power Supply	AC 220V±10%, 50Hz	Work time	1~99S
Power(Output)	22W	Size	703mm×175mm×513mm
Illumination Range	1000~6000lx	Weight	9.4Kg

CSD01 Digital Friability Test Apparatus



Description

Tablets are inevitably subjected to vibration or friction during production, transportation, etc. These factors may cause breakage of tablets and affect application. Tablet friability is an indicator of a tablet's ability to resist shock and abrasion. It is generally measured using a tablet friability tester.

Technical Parameter

Time Setting	0~4minutes	Power(output)	20W
Rotation Count	100 turns	Power Supply	AC 220V 50HZ
Timing Range	0--9:59:00	Dimensions	440*286*350mm
Counting Range	0--99999	Dial Size	insidedia286mm, depth39mm
RPM	25±1times/minutes	Net Weight	10KG