

Passion for animal
reproduction



ABOUT US

Dear valued client,

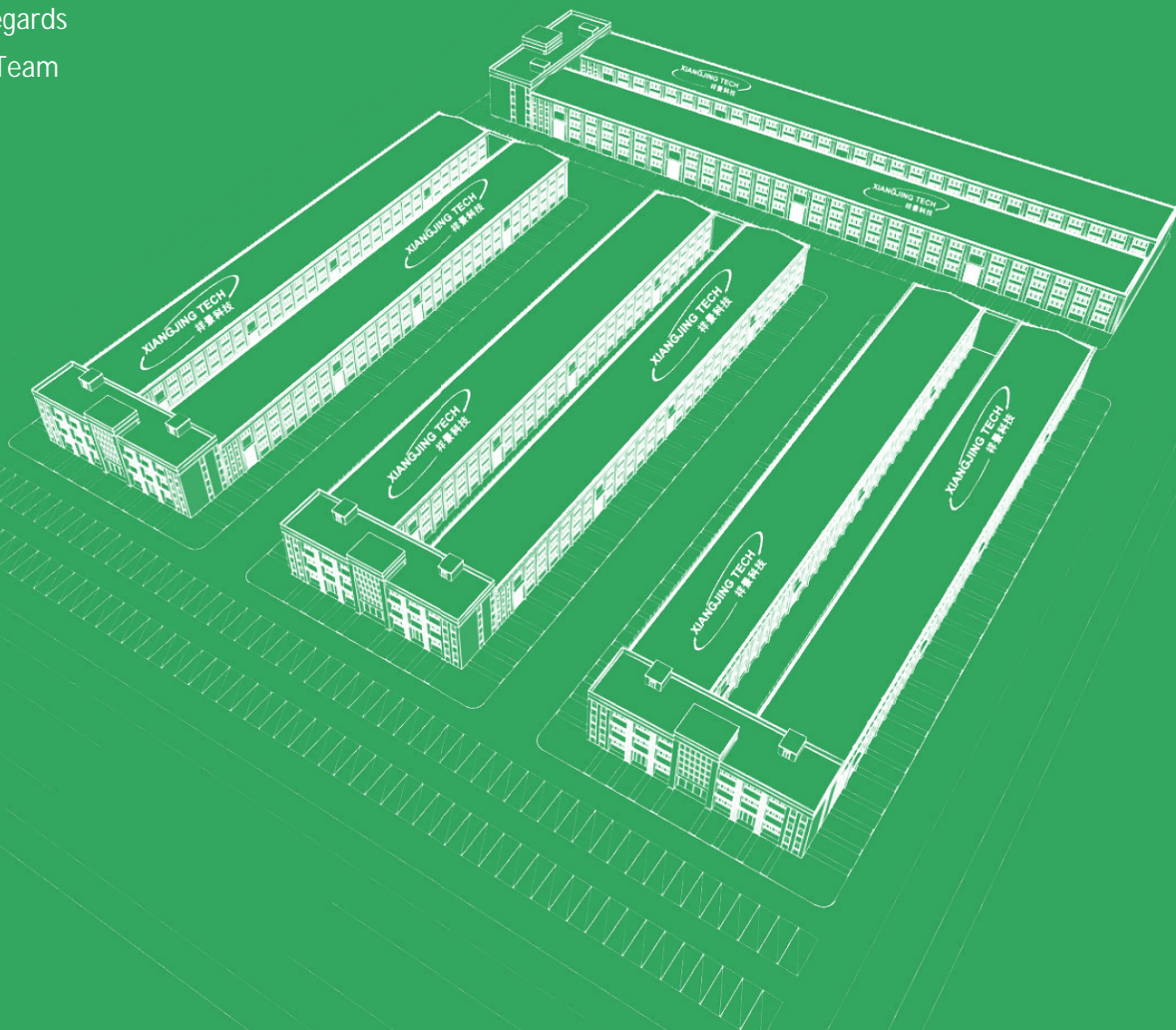
Syrun (Founded in 2016) is a leading manufacturer in the field of biological breeding, with a 13,000m² production facility and a Grade 100,000 clean workshop. We are dedicated to providing innovative technologies and efficient production solutions.

Our main products include: animal reproduction consumables, animal reproduction equipment and instruments, semen dilution powder, etc.

Our core business focuses on artificial insemination for a wide range of livestock (pigs, horses, cows, sheep) and laboratory animals, as well as other species. We offer comprehensive services such as semen collection and analysis, preparation and dilution, cryopreservation, insemination counseling, and related consumables and equipment, all based on European-standard breeding biotechnology.

With innovation at our core, we reshape animal breeding to make it more efficient, safe, and sustainable. From farms to labs, and from genes to populations, we protect life's legacy and drive the industry forward.

Kind regards
Syrun Team



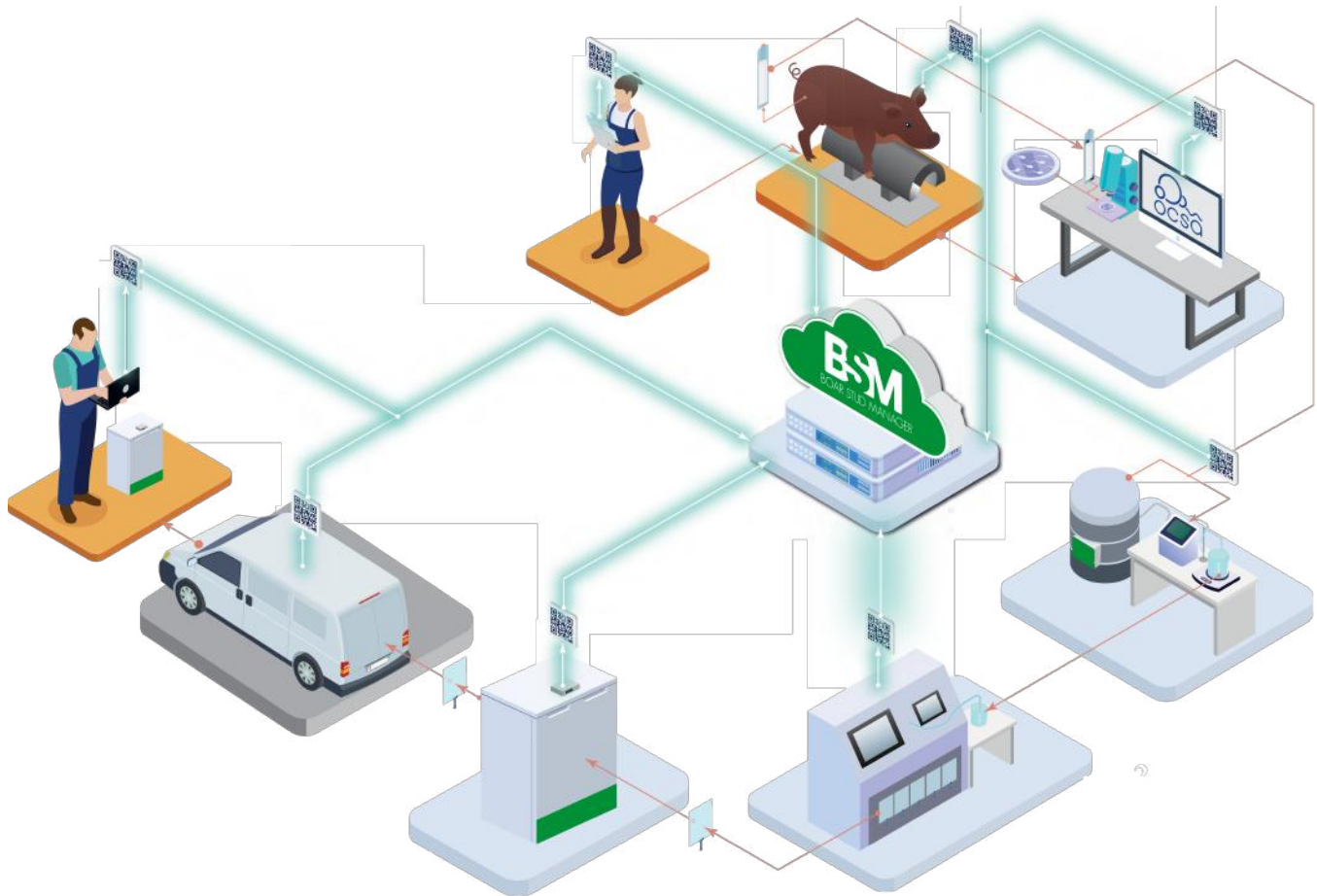
Intelligent Boar Station

BSM Boar Stud Management

No manual writing, paperless, from semen collection at the boar station to semen delivery to the sow farm. All production equipment is automatically interconnected. Semen production is traceable. The equipment and consumables used can be traced. Standardized or personalized reports of all production processes can be generated



Intelligent Boar Station



4

Main Functional Modules

Order management - Order Receiving, Delivery Notifications, Planned Orders and Suggested Orders.

Boar management - Boar Health Management, Vaccination Management, Semen Collection Plan Management and Semen Delivery Route Management.

Production order - Automatically interconnect the semen production process through QR code scanning: semen collection, analysis dilution, and filling.

Quality control - Analyze the quality of the finished semen by comparing the analysis results after semen preservation with the previous analysis report and temperature tracking records.

Traceability management - The production of semen is fully traceable, including the consumables used, the equipment involved, and the operators. The entire process, from semen collection and analysis to dilution, filling, and delivery, is meticulously tracked and documented.

Retention management - Testing and information preservation of retained semen samples.

Reporting features - Generate standard and personalized reports, including line charts, column charts, and more. For example, a histogram can be generated to compare the monthly semen production of each boar from January to December over the past 3 years. Additionally, it is possible to create a comparison chart of the actual semen production versus the theoretical production for each pig over the past year or specific months.

Automatic Semen Collection System

The automatic semen collection system employs the principle of pneumatic pulsation to grasp and continuously stimulate the penis of male pigs, thereby achieving automatic collection of boar semen. This system enables closed semen collection, reducing the risk of bacterial contamination during the process and making the use of antibiotic-free diluents possible.



Standard Configuration

1. Air Compressor (Optional)

2. Automated Control Box

- Manage the contraction and relaxation of the artificial vagina.
- Control and continuously maintain the grip of the dummy vagina on the boar's penis.
- The built-in program controls operations to standardize the precision extraction process.



3. Biomimetic Artificial Sow Platform(Dummy Sow)

- Grid indentations, surface coating
- Galvanized base, sturdy and robust
- The sliding rail bracket enables better bionics during boar semen collection.



4. Bionic Artificial Vagina

- The bionic artificial vagina is soft, elastic and warm. Its internal threaded design mimics the sow's cervix. It stimulates the boar's penis with system pulse signals. After collection, the flaccid penis retracts from it spontaneously.



5. Supporting Consumables



Disposable Semen Collection Tubes



Center Section



3.5L Sperm Filter Bag



Wide-Opening Artificial Vagina



Stainless Steel Rings



3.5L Sperm Filter Bag

Automatic Semen Collection System

Automated Control Box

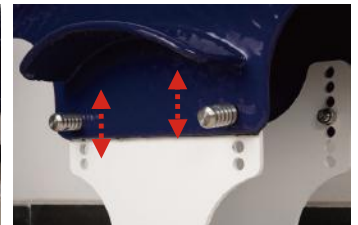
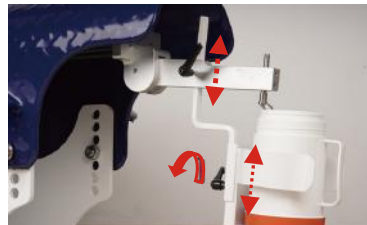
- Enhance productivity
- Capable of collecting semen from 2-3 boars simultaneously.
- Blood samples can also be collected simultaneously with sperm collection.
- Reduces the risk of bacterial contamination.
- Closed semen collection reduces bacterial content in semen by 10 times, thereby improving semen quality at the source.



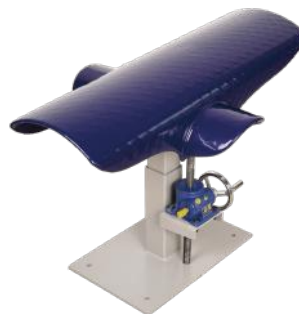
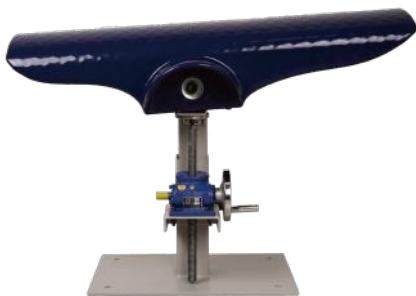
Biomimetic Artificial Sow (Dummy Sow)



- The height can be freely adjusted.
- The countertop is made of stainless steel with molded edges, and the entire base is constructed from stainless steel.
- The slide rail device is located under the dummy mother-stage. The slide rail is equipped with a bracket for securing the semen collection cup, and the angle of the bracket can be freely adjusted.



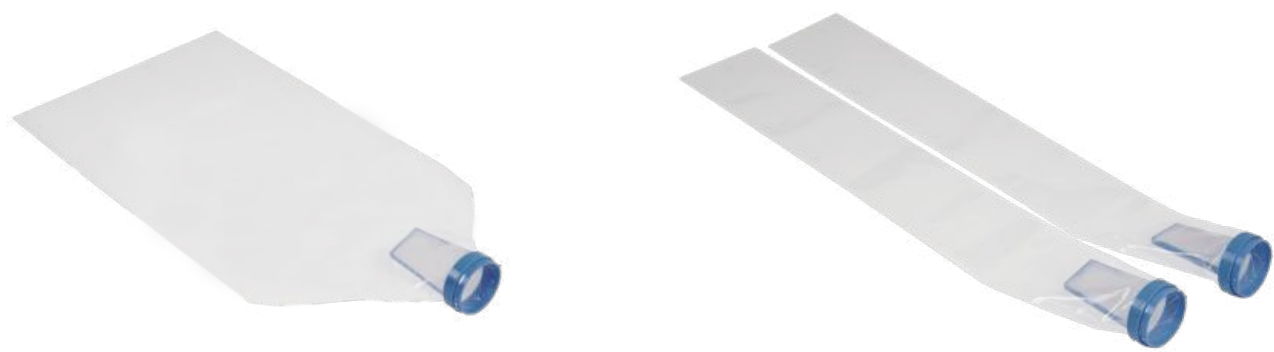
Biomimetic Artificial Sow (Dummy Sow)



- The upper and lower angles can be adjusted, and the height adjustable range is 580~750mm.
- Height-adjustable, angled, easy-to-use, with a base plate for secure attachment and wide foot support, and a sturdy, non-slip material finish for easy cleaning.

Semen Collection Consumables

1.5L/3.5L Semen Fliter Bag



With its ingenious and efficient design, the semen filter bag guarantees the high - quality collection of semen in animal husbandry production. It has become an essential auxiliary tool in modern large - scale breeding operations.

Enhances semen quality

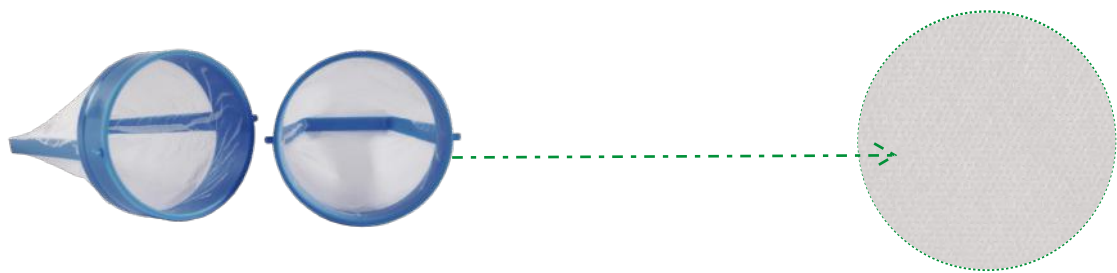
- Precise filtration minimizes the detrimental effects of impurities on semen quality, thereby significantly enhancing the success rate of artificial insemination.

Convenient and hygienic

- Single-use design minimizes cross-contamination risks, simplifies operation and boosts spermcollection efficiency.

Cost-effective

- Simplify the semen processing procedure and decrease the quantity of subsequent purification steps, thus effectively saving both time and costs.



The pore size of the filter paper is optimized for the separation of sperm from gels, ensuring efficient and precise isolate.

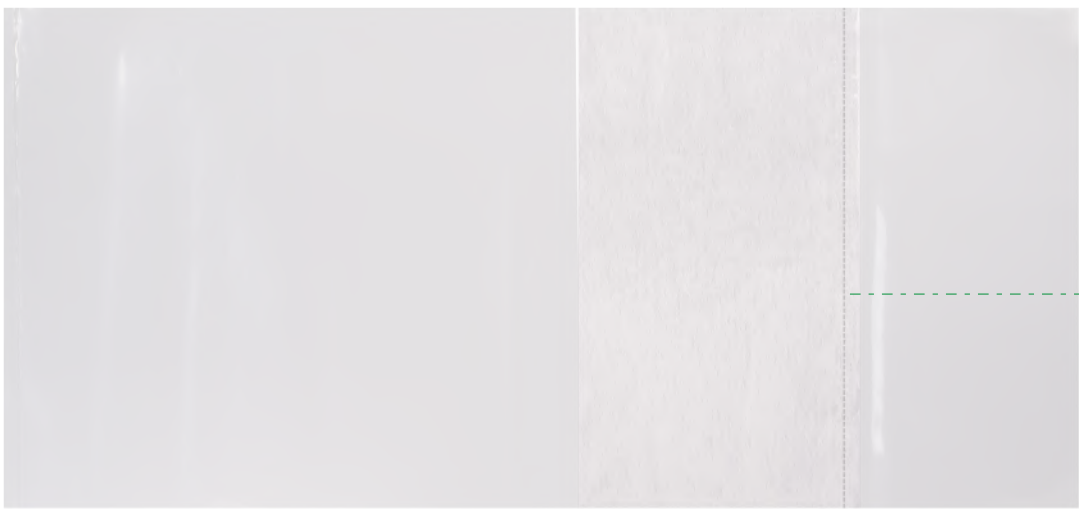
SY-SFB100015	1.5L	Packing:150pcs/ctn
SY-SFB100035	3.5L	Packing:200pcs/ctn

Semen Collection Consumables

3.0L/5.0L Semen Collection Bag with Fliter



The pore size of the filter paper is precisely tailored to enable the separation of sperm from gels.



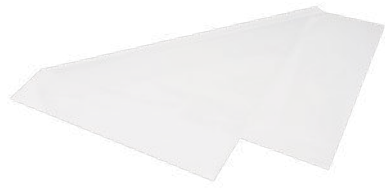
Easy-to-tear threads

- Utilize a strainer or paper filter to get rid of gelatinous materials and contaminants in the semen.
- The filter paper is manufactured using a columnar thread process. This ensures gentle operation and effectively prevents damage to sperm.
- Enhance reproductive efficiency.

SY-SFB100030	3.0L	Size:225x225mm	Packing:50pcs/pack
SY-SFB100050	5.0L	Size:225x680mm	Packing:50pcs/pack

Semen Collection Consumables

Semen Dilution Bag



It is utilized in the procedures of semen collection and dilution.

Thickness of the single-side: 0.03mm

Volume	Specs	Packing	Item No.
2L	208x270mm	100pcs/pack	SY-SDB100020
3L	280x340mm	100pcs/pack	SY-SDB100030
5L	340x450mm	100pcs/pack	SY-SDB100050

Sperm Mixing Bag



SY-SMB100050

5L,thickness 0.05mm
Size:370mm*590mm
Packing: 50pcs/pack



SY-SMB100100

10L, thickness 0.05mm
Size:410mm* 635mm
Packing: 50pcs/pack



Powder-free vinyl gloves
100pcs/box
SY-DBC100301



Disposable nitrile gloves
100pcs/box
SY-DBC100302



Filter paper(200*200mm)
100pcs/pack
SY-DBC100146



Essence collection thermos cup
SY-DBC10062B



Thermostatic electric heating semen cup
The cup's walls are heated and adjustable to 37°C.
SY-DBC10072B / SY-DBC10073B

Semen Collection Consumables

Artificial Cervix



The disposable artificial cervix (AC) precisely replicates the texture and surface of the porcine cervix. The gripping feature of the artificial cervix imitates the natural sensations inside the sow, achieving max stimulation.



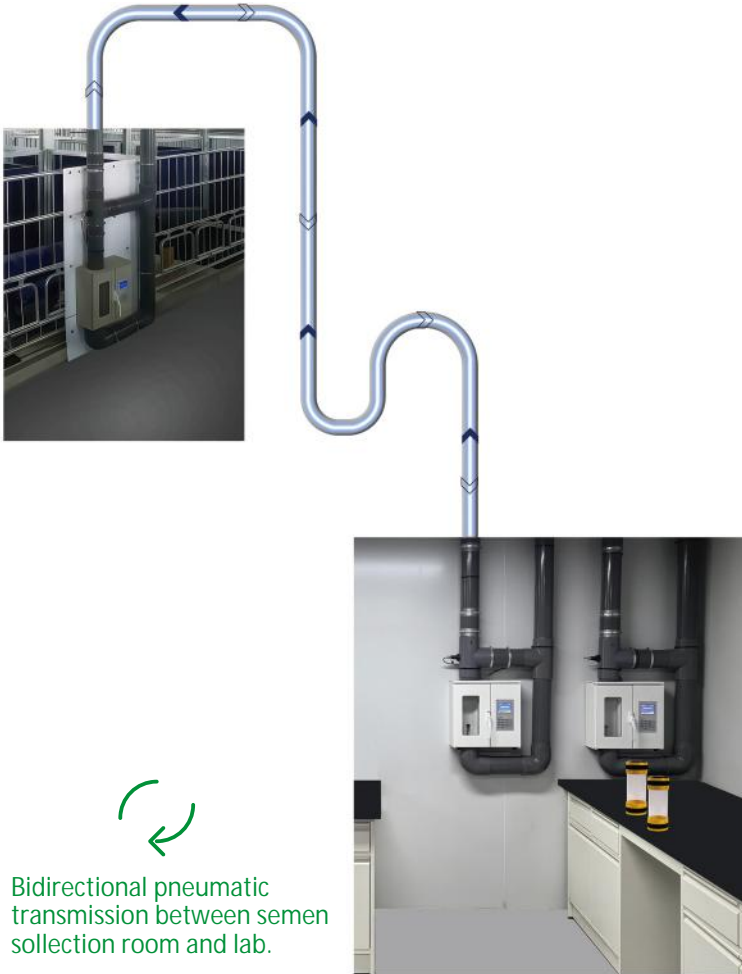
This device, with double cuffs, ensures hygiene and prevents semen loss. The rubber pad stimulates the boar and secures the penis tip. The artificial cervix includes a detachable inner bag for initial azoospermic fluid collection and a sheath to direct the ejaculate into the collection cup.

SY-SMB100156	Packing:50pcs/pack
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Semen Transfer

Pneumatic Transmission System

The pneumatic transmission system is a setup that closely links the semen collection room and the laboratory via a transmission pipeline (with a diameter of 110mm). It is specifically designed for the automatic transfer of samples between the pig farm laboratory and the semen collection room. The implementation of this pneumatic transmission system effectively achieves seamless interconnection between the semen collection room and the laboratory, streamlining the workflow and enhancing efficiency in the process.



Feature

- Items are transported through a network formed by pipelines powered by compressed air.
- Automatic control with the help of electro mechanical and micro-computer technology.
- Through network management and PC side full monitoring.
- The system can be designed according to the customer's specific requirements.
- Safely and efficiently transfer items between any two transceiver stations, eliminating the hassle of travel.
- Optimize time utilization and enhance productivity.



The pneumatic conveying system, a key symbol of modern animal husbandry, is gaining industry-wide attention. To prevent cross-infection, livestock units are innovating and improving efficiency. Building a modern pneumatic conveying system is now crucial for the industry's development.

Semen Analysis

OCSA Semen Analysis System



R&D based on artificial intelligence and big data.



Sperm parameters can be freely set.



Labels can be automatically generated for the filling machine, and the diluent dispenser can scan and read the codes.



High-definition image recognition technology can detect sperm malformations and coagulation.



High-definition image recognition technology enables the detection of different sperm malformations and coagulation.



Automatically generate a sperm analysis report.



A diverse array of options significantly elevates the user experience.



Programs can be self-defined and customized.



Standardize analysis processes, thereby reducing human error.

Semen Analysis



High-end semen analysis systems for semen production

- The OCSA analysis system is equipped with extremely powerful AI software and hardware capabilities
- Capable of rapidly and precisely detecting and assessing semen quality.
- Conduct analyses of sperm concentration, motility, clustering, and morphology, and compute dilution ratios within the shortest timeframe

Morphological abnormalities

- The OCSA analysis system can analyze 7 types of sperm malformations, which are closely related to the final production results (spermatogenic process, semen production process, fertility)
- Ensure the most accurate dilution of the corresponding semen portion;
- The quality of semen and the quality received by the clients.

High-end accessories

- OCSA's accessories are more automated and precise, equipped with electronic scales, barcode scanners, electronic pipettes, glass slides and tube heating platforms.
- In addition, OCSA has integrated with BSM (Boar Station Management System) to improve production results and simplify audit decisions.

Multi-parameter evaluation & high accuracy

- Comprehensive analysis of spermatocyte kinetic parameters (motility linear motility, linearity, etc....)
- A comprehensive analysis of morphological deformities directly related to the rate of production reproduction

Connected to BSM boar station management system

- OCSA is fully integrated with BSM to coordinate and integrate information transfer to the next step in the semen preparation process. Maximize traceability.

Innovation of the OCSA Analysis System

- The OCSA analysis program will include three years of automatic updates to ensure the latest semen evaluation algorithms and improve other interrelated functions; the OCSA system will continuously receive free upgrades.

Production-oriented

- Due to the speed at which boar stations are evolving, OCSA is a carefully modified and well-designed analysis Software to include relevant functions to improve productivity processes as well as a user-friendly interface Semen dose assessment.

Semen Analysis

400 Animal Sperm Densitometer



SY-DBC100202

- Automatic calibration
- Lightweight and portable
- One-click measurement
- Automatic power off
- Accurate detection
- It's easy to use

Product parameters

Measuring range: 0-500 million/ml	Detection accuracy: 98%	Resolution: 1μ (sperm head width)
Light source wavelength: 470nm	Screen size: 2.4 inch LED LCD screen	Operating temperature: 0-50°C
Operating humidity: <95% relative humidity	Battery: 9V6F22	Video playback: 30~300s
Product size: 192*103*67mm	Packing size: 280*150*300mm	Product size: 330*210*35mm
Gross weight: 2000g		

400 Animal Sperm Analysis Quality Instrument

SY-DBC100203

- Multiple test positions
- Heated stage at constant temperature
- Multiple detection methods
- Detection is fast and accurate
- Label printing
- The image is clear and accurate



Product parameters

Measuring range: 0-2 billion/ml	Detection accuracy: 98%	Resolution: 1μ (sperm head width)
Vitality Accuracy: 90%	Analysis time: 30s	Detection speed range: 0~250μm/s
Capacity 64GB	Temperature control range: 36~39°C	Stored information: 10,000 messages
Networking: WIF	Screen size: 10.1-inch touchscreen	Net weight: 3600g
Product size: 490*360*310mm	Packing size: 490*370*320mm	Gross weight: 8500g

Measurement data: sperm density, forward motility

Other features: built-in thermal printer, printable information labels

Information entry: ear tag number, boar breed, collection time, collection volume, packaging specifications, packaging volume

Semen Analysis

400X Inspection Microscope

SY-DBC100301

- High-definition large screen display
- Precise heating and temperature control
- 400X magnification
- The image is clear and accurate
- High-resolution color camera
- Wide-angle eyepiece



Product parameters

Eyepiece: Wide-angle eyepiece 10X18mm	Magnification: 40X~400X	Focusing mechanism: coarse and fine-tuning coaxial structure
Coarse adjustment range: 15mm	Fine adjustment value: 0.004mm	Objective converter: three-hole conversion mechanism
Stage: Constant temperature stage	Temperature control range: 38~42°C	Platform size: 115*125mm
Screen size: 7 inch LCD screen	Camera: 480-line 1/3 color camera	Rubber number: 1440*900
Observation Head: Monocular teaching observation head (TV), inclined at 30°, capable of 360° rotation.		
Objective: 185mm achromatic objective 4X, 10X, 40X		
Condenser: Abbe Condenser NA1: 25 variable bars and gels		
Lighting system: Built-in 1W LED cold light source lighting		



J6310 Microfluidic Sperm Counting Plate

SY-DBC100105

- High-precision counting
- High-throughput analysis
- The sample demand is small
- Rapid Testing
- Reduce cross-contamination
- Convenient operation

Product parameters

Packing: 200 tablets (25 tablets/box*8 boxes)	Net weight: 190g	Packing size: 250*102*127mm
Size: 75*25mm	Gross weight: 1540g	

Semen Dilution

Automated Semen Dilution& Mixing Bucket

The semen dilution and mixing bucket, with its core functions of constant temperature control and uniform stirring, provides a standardized and secure environment for semen dilution. This enhances the efficiency of artificial insemination in pigs, improves breeding success rates, and strengthens biosecurity.



- This device can prepare a 50L or 100L dilution solution at once. It enables quantitative water addition and liquid discharge, and allows free temperature adjustment.
- Made of 304 stainless steel,durable and easy to clean.
- It can be networked to manage the system and output data to the back-end machine (high-end model) Easy to use.
- The metering type monitors the liquid level and temperature in realtime, and the temperature control accuracy $\pm 0.5\text{ }^{\circ}\text{C}$
- Inlet and outlet full electronic balance measurement.



Automatic semen dilution mixing bucket	50L	SY-DMB100050
Automatic semen dilution mixing bucket	100L	SY-DMB100100
Semen dilution stirring drum inner bag	50L	SY-DSB100050
Semen dilution stirring drum inner bag	100L	SY-DSB100100

Semen Dilution

Anti-oxidant Dilution Powder

The boar semen diluent powder provides nutrients like glucose for sperm. Its inorganic salts and organic acids maintain pH and osmotic pressure. The broad spectrum antibiotics inhibit bacteria, prevent sperm agglomeration, reduce protein precipitation, regulate metabolites, and enhance semen preservation.



- High - quality raw materials that meet the testing standards of the EU Pharmacopoeia.
- Each batch meets the high-quality control standards, including physicochemical parameters (pH, osmotic pressure, conductivity, salinity TDS...) and biological aspects (semen preservation control). A certificate of analysis for each batch can be provided upon request.

Product Advantages

- Boar semen is preserved for up to 7-12 days
- During the preservation of semen, the fluctuation of pH value can be controlled to the greatest extent
- Very strict product control
- Reduces protein precipitation, which is conducive to balancing cytometabolic substances and sperm agglutination control.
- It effectively controls bacterial growth in the preservation of diluted semen
- The raw materials used in the production are based on chemical analysis of pure raw materials without cross-contamination.
- No animal-derived ingredients (AFB-free), no vegetable or microbial origin, and no presence in the finished product.

Components

- Glucose, ethylenediaminetetraacetic acid, sodium citrate, potassium acetate buffer solution, mixed antibiotics, etc
- The requirements for raw materials are all of analytical reagent grade

SY-DBC100147

Securely packed

10 bags/bag

100 bags/ctn

Semen Dilution

Constant Temperature Semen Storage Cabinet

With advanced control technology and high-quality temperature control components, the refrigerator's internal temperature can quickly reach and stably maintain the set value.



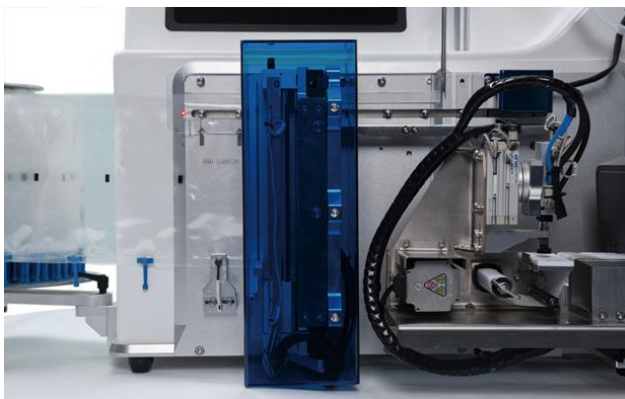
The constant-temperature semen storage refrigerator creates a stable and optimal environment for sperm, extending their viability and preserving their fertilization capacity.

Imported thermostat, high-precision temperature control, the temperature is preset to $\pm 17^{\circ}\text{C}$.
 Reasonable design and technical means to keep the relative humidity in the box within the appropriate range.
 The internal storage space is reasonably designed according to the storage needs of semen samples.

Capacity: SY-DBC1011021(50L)	SY-DBC1011022(130L)	SY-DBC1011023(238L)
Specify the temperature: 17°C	Rated voltage: 220V/50HZ	
Refrigeration power: 150W	Display: Smart Digital	
Heating power: 150W	Thermostat: Intelligent microcomputer	

Semen Packing

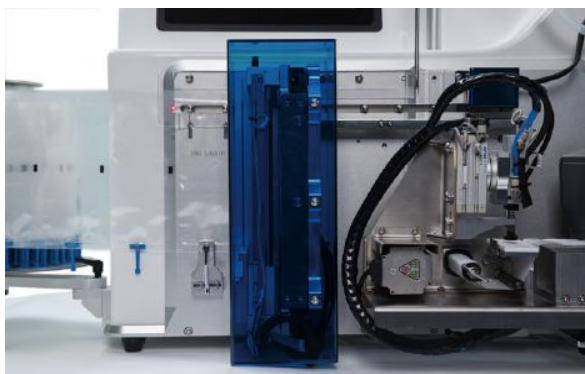
Automatic Semen Bag Filling & Sealing Machine (Non-Labeling version)



- Fully automatic traction, canning, cutting.
- Support wired and wireless networking can be connected to the management system .
- Intelligent fault alarm, the screen displays the fault content, which is convenient for quick elimination and reduces the scrap rate.
- 400-800bags per hour (according to customer needs).
- SY400-800 can meet the semen filling needs of medium-sized pig artificial insemination centers.

Hygienic and safe

The equipment is made of medical-grade materials. Its semen-contacting parts are designed for easy disassembly, cleaning, and disinfection, effectively preventing contamination and ensuring semen quality and safety.



Good stability

With a robust structure and reliable control system, it operates smoothly, reducing filling errors and malfunctions. This ensures stable long-term operation, lowering maintenance costs and downtime.

Semen Packing

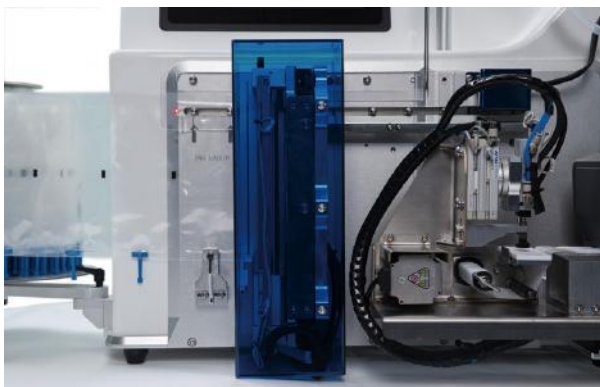
Automatic Semen Bag Filling & Sealing Machine (Labeling version)



- Fully automatic canning, sealing, cutting and labeling.
- Freely switch the labeling content, support wired and wireless networking can be connected to the management system.
- Intelligent fault alarm, the screen displays the fault content, which is convenient for quick elimination and reduces the scrap rate.
- 600-1000bags per hour (according to customer needs)
- SY600-1000 can meet the semen filling needs of large pig artificial insemination centers.

Hygienic and safe

The equipment is made of medical-grade materials. Its semen-contacting parts are designed for easy disassembly, cleaning, and disinfection, effectively preventing contamination and ensuring semen quality and safety.



Good stability

With a robust structure and reliable control system, it operates smoothly, reducing filling errors and malfunctions. This ensures stable long-term operation, lowering maintenance costs and downtime.

Semen Packing

Automatic Semen Tube Filling & Sealing Machine (Labeling version)

Applied in livestock artificial insemination stations, this machine fills cattle, pig and sheep semen. In large farms, it efficiently and precisely handles high - volume filling, boosting breeding efficiency and quality. Scientific and breeding centers also use it for semen processing, supporting breeding research and genetic improvement.



- The machine supports both wlan and wireless networking.
- Support customized management system.
- Automatic labeling, the content can be modified freely, and the speed can be adjusted.
- Efficient dispensing of 1000 portions per hour (according to customer needs).
- Dispense lightweight, ultrasonically sealed tubes.



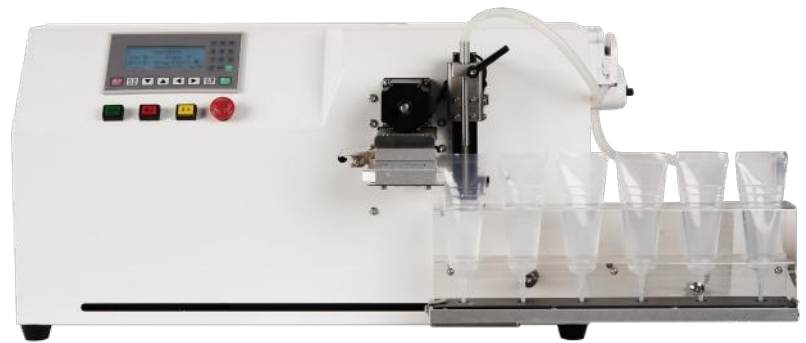
- Minimize semen wastage and preserve semen viability.
- It complies with sterility requirements and is equipped with safety protection features.
- Reduce labor costs and enhance production consistency.
- Traceable to the information of each product.



Semen Packing

Semi-automatic Semen Tube Filling & Sealing Machine

- Efficient dispensing of 240bags per hour
- Easy to operate and the speed is adjustable.
- Compactly packaged, hot- sealed.



Easy to operate and easy to use

The control interface of the equipment is simple and intuitive. Operators can quickly complete the filling work through simple operations such as placing the semen tube and starting the program.

Efficient production efficiency

The semi-automatic filling machine uses partial automated filling, cutting manual operation time and labor intensity, boosting filling efficiency, and catering to large scale semen production needs.

Low cost of the equipment

The semi-automatic filling machine features a simple structure moderate automation, and low procurement and maintenance costs.



High filling accuracy

Equipped with advanced metering devices and a filling control system, it precisely regulates the semen filling volume with a minimal error range. This ensures consistency in the semen volume within each semen tube, which is conducive to enhancing the quality and utilization effect of the semen.



Semen Packing

Continuous Semen Bag



The semen bag is soft and flat, which enlarges the surface area, minimizes sperm extrusion, and boosts the survival rate. The bag tip can be opened with one twist, and it is easy to use the automatic filling machine.

60ml/90ml (size can be customized).

Color: transparent blank bag body, blue bag tip (color can be customized).

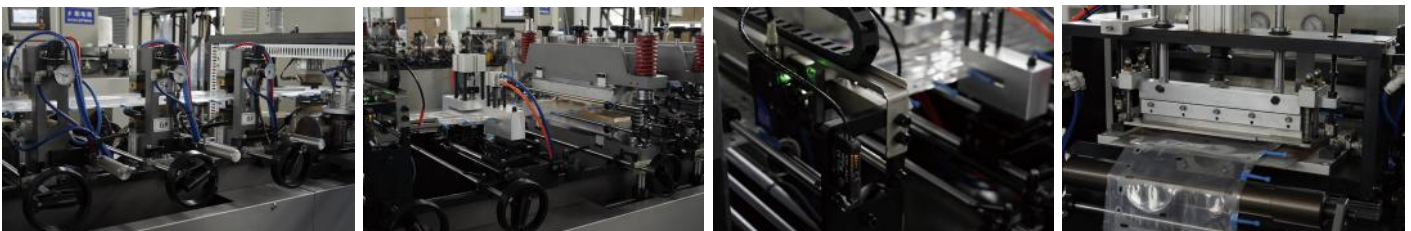
Carton: 250/roll, 6 rolls/carton, 1500pcs/ctn.

60ml: SY-CSB100060

90ml: SY-CSB100090



Inside each roll, there are both traceable batch numbers and anti-counterfeiting marks.



Automated production ensures precise and stable actions.

Semen Packing

Easy-tear Semen Bag



Pre-cut, serrated straight line easy to tear line

Designed for tool-free manual tearing, it offers seamless operation. The 'instant-tear' opening ensures quick and efficient access.

The material is balanced with flexibility and strength

Using high - toughness materials, it combines easy tearability with sealing performance keeping the bag well - sealed even after being torn.

60ml/90ml (size can be customized).

Color: transparent blank bag body, blue bag tip (color can be customized).

Carton: 250/roll, 6 rolls/carton, 1500pcs/ctn.

60ml: SY-TSB100060

90ml: SY-TSB100090



Each roll is individually packaged, one-time use guarantee doublesealed, physically isolated, and resistant to external interference.

Clearly marked for easy management Each individual package allows printing or affixing of a unique label, indicating info like volume, suitable livestock species collection date, expiration date, batch number, etc., for easier sample traceability and management.

Semen Packing

Semen Tube



Convenient for insemination. Pointed nozzle design ensures a smooth and hassle-free fertilization process.
Hermetically sealed orifice for all types of vas deferens.

Sperm-protective materials

Specification: 90ml ,Tick mark: 70ml 80ml 90ml

Packing: 2000pcs/ctn



Transparent:SY-SST100001

Yellow:SY-SST100002

Green:SY-SST100003

Blue:SY-SST100004

Semen Bottle



80ml:SY-SBT100080

100ml:SY-SBT100100

Specification: 80ml 100ml

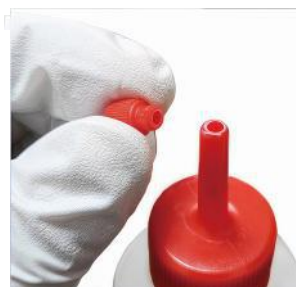
Cap color: red, yellow, blue, green, white

Carton: 500pcs/carton

Advantages: easy to open, tightly sealed

Used in combination with the vas deferens

The bottle features a unique design that ensures no leakage and prevents any sperm residue.



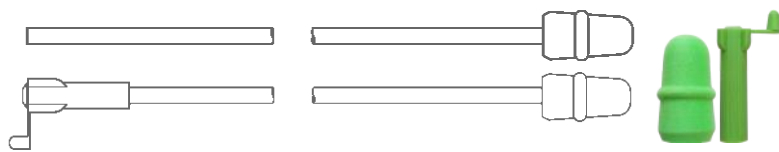
Artificial Insemination

Catheters

Traditional AI has been used since the 1990s, allowing producers to select for genetic traits to produce leaner carcasses. Knowing how the female reproductive tract impacts the physiology of the sperm cell, producers were able to bypass the initial cervical hurdles by using less semen and fewer boars than natural services.

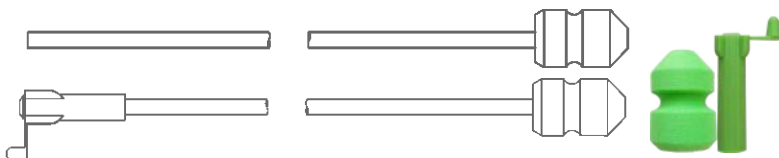
Advantages

- Sanitation less of a concern
- Higher volume of extender reduces temperature fluctuation



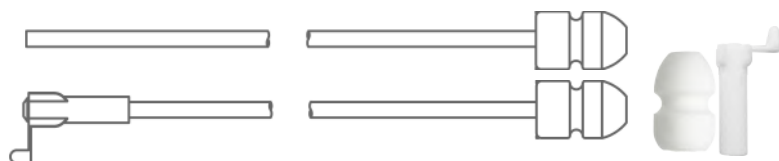
Foam Catheter - S version
With/without handle and plug

Pcs/ctn: 500 pcs/box



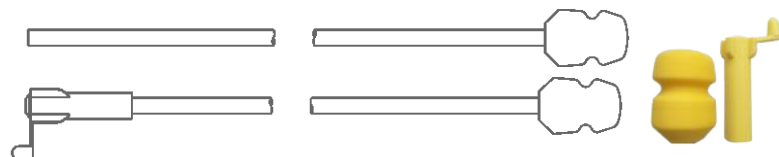
Foam Catheter - M version
With/without handle and plug

Pcs/ctn: 500 pcs/box



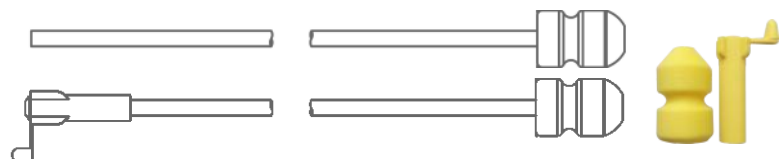
Foam Catheter - C version
With/without handle and plug

Pcs/ctn: 500 pcs/box



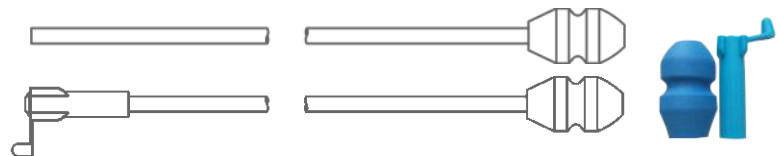
Foam Catheter - K version
With/without handle and plug

Pcs/ctn: 500 pcs/box



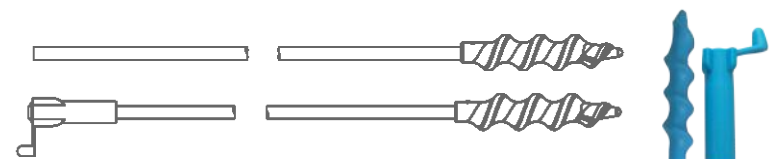
Foam Catheter - H version
With/without handle and plug

Pcs/ctn: 500 pcs/box



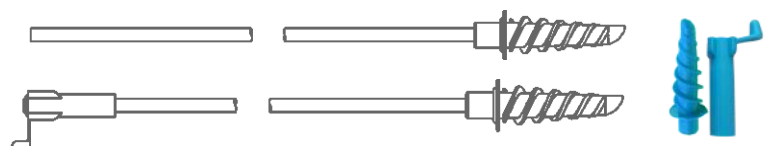
Foam Catheter - V version
With/without handle and plug

Pcs/ctn: 500 pcs/box



Spiral Catheter - I version
With/without handle and plug

Pcs/ctn: 500 pcs/box

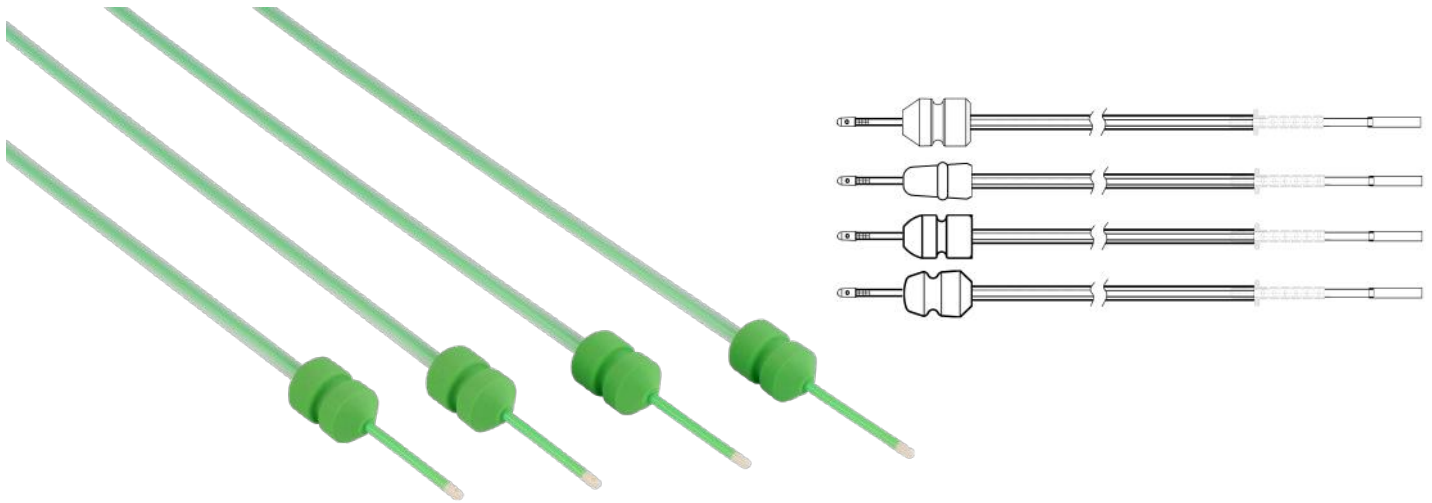


Spiral Catheter - L version
With/without handle and plug

Pcs/ctn: 500 pcs/box

Artificial Insemination

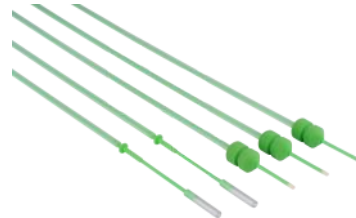
Pre-lubricated PCAI(post-cervical artificial insemination) Catheters



Deep Insemination: In contrast to traditional vaginal insemination, intrauterine insemination positions semen closer to the ovum, shortening the sperm's travel distance and time within the reproductive tract, reducing adverse impacts on sperm, and thus increasing the likelihood of sperm-ovum.



Pre-lubrication PCAI catheter for gilt



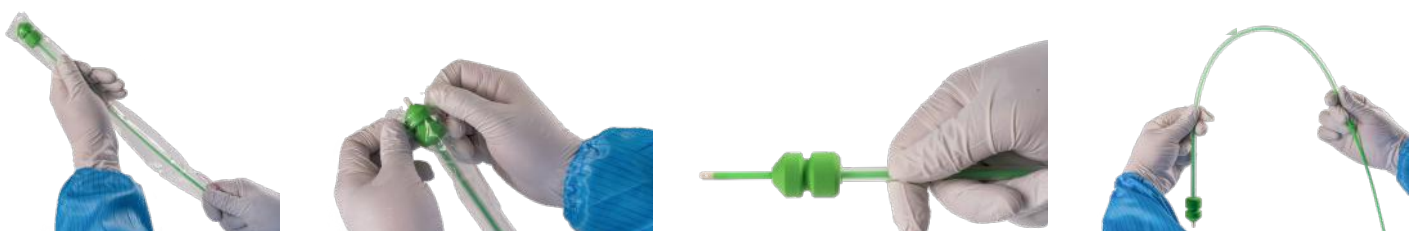
Pre-lubrication PCAI catheter for sow

Technological advantages

It shortens insemination time and boosts breeding efficiency.

It enhances sperm utilization, stabilizes reproduction, and prevents low conception rates and small litters due to heat stress.

It conserves semen and fully utilizes frozen, sex-sorted, and superior boar semen.



Artificial Insemination

Product safety



- This product is constructed with medical-grade outer PP and high elasticity inner PE material.
- Strictly adhere to the safety and health process management system .
- Produced in a 100,000 - class purification workshop.
- Manufactured with automated equipments imported from Germany.



Securely packed

Each product is hermetically sealed in medical-grade PE film, ensuring biosecurity while offering effortless, safe handling

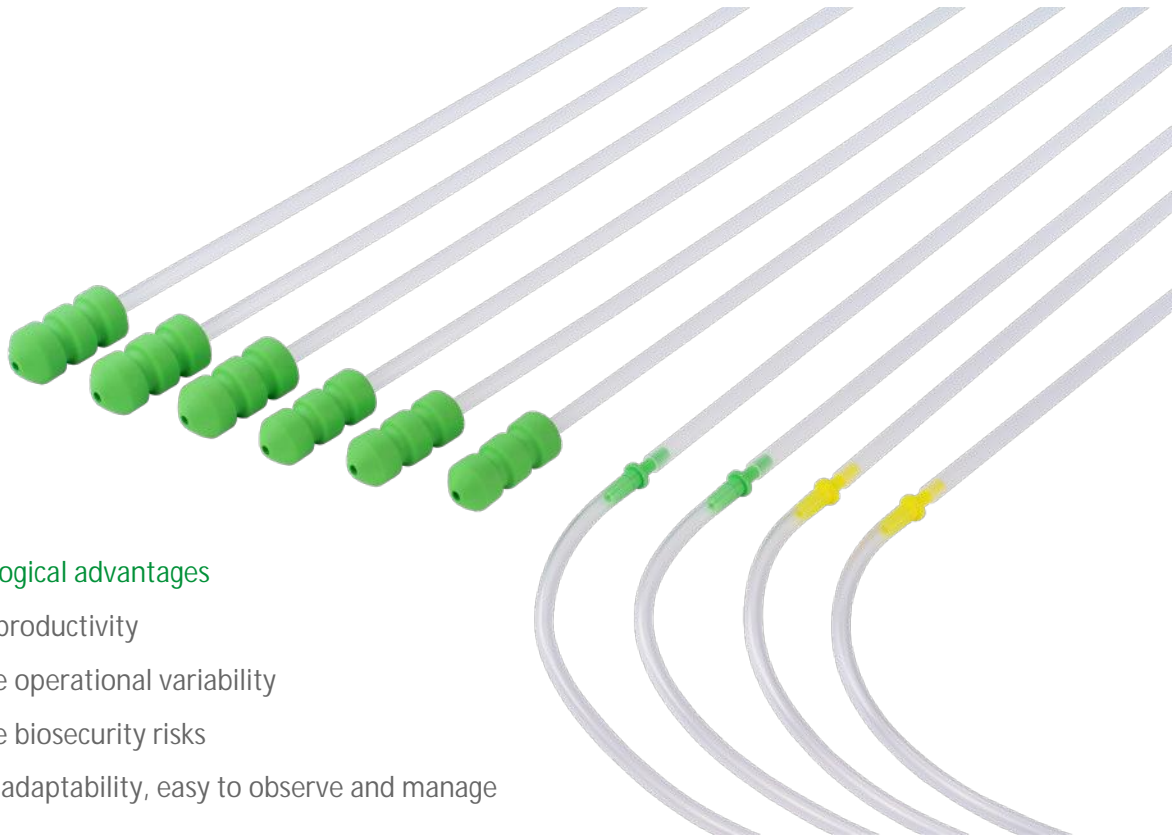
100pcs/pack, 500pcs/ctn
 Customizable
 Non-toxic medical-grade PE



PCAI catheter for sow	Individually packed, 500pcs/carton	SY-PCC100001
PCAI catheter for gilt	Individually packed, 500pcs/carton	SY-PCC100002

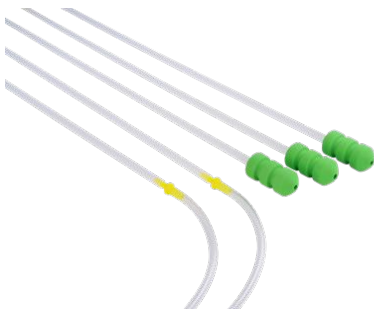
Artificial Insemination

Pre-lubricated PCAI Catheter with Extention tube



Technological advantages

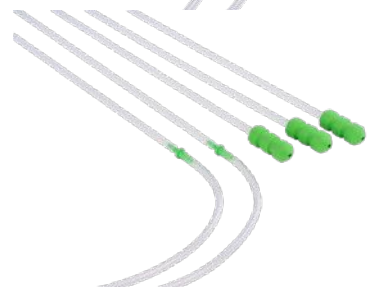
- Boost productivity
- Reduce operational variability
- Reduce biosecurity risks
- Better adaptability, easy to observe and manage



Pre-lubricated PCAI Catheter with Extention tube (for sow)

50pcs/pack, 500pcs/ctn(Customization is optional)

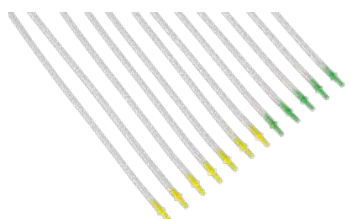
SY-PCT100001



Pre-lubricated PCAI Catheter with Extention tube (for sow)

50pcs/pack, 500pcs/ctn(Customization is optional)

SY-PCT100002



Extension tubes

10pcs/bag, 1000pcs/ctn

SY-PET100001

Artificial Insemination

Lubricant Gel (150ml/250ml)

During pig artificial insemination, lubricants are applied to insemination catheters. This practice minimizes trauma to sows' reproductive tracts during insertion, boosts insemination success rates, and mitigates the risk of infection.



- Irradiated sterilized lubricants.
- Expiration time: 5 years
- This lubricant is applied to grease the foam or silicone tips of insemination catheters during artificial insemination, effectively preventing damage to the birth canal.
- Used for pigs, horses, cattle and sheep.

150ml	Pack: 120pcs/ctn	SY-DBC100311
250ml	Pack: 72pcs/ctn	SY-DBC100312

Veterinary pregnancy

X8M Veterinary Ultrasound Machine

XJ-DBC101011

Doppler color ultrasound	Pet heart supersound
Large high-definition touch screen	256 Array Yuan 96 Channel
Professional obstetric testing	Breeding performance testing



Product parameters

Screen display: 13 inches (1920*1080)	Frequency range: 4.0~9.0MHz	Continuous working time: 6 hours
Measuring depth: 2~240mm	Hard disk: 64GB	INTERFACE: U DISK, TYPE-C, HDMI
Display mode: B, C, PW, M, BB	Channels: 96 channels	Video playback: 30~300s
Body markers: 24 types	Net weight: 2850g	Product size: 330*210*35mm
Printers: Bluetooth printers, network printers		

Measurements: backfat thickness, eye muscle area, eye muscle thickness, gestational age, distance, area, volume

X8S Veterinary Ultrasound Machine

XJ-DBC101011

Doppler color ultrasound	The image is clear
Multi-frame video playback	256 formations and 64 channels
One-click measurement	Large high-definition touch screen



Product parameters

Screen display: 10.1 inches (1920*1080)	Frequency range: 3.0~6.0MHz	Continuous working time: 6 hours
Measuring depth: 2~240mm	Hard disk: 64GB	INTERFACE: U DISK, TYPE-C, HDMI
Display mode: B, C, PW, M, BB	Channels: 64 channels	Video playback: 5 minutes
Grayscale: 256 images	Net weight: 1800g	Packing size: 430*330*180mm
Printers: Bluetooth printers, network printers		

Measurements: backfat thickness, eye muscle area, eye muscle thickness, gestational age, distance, area, volume

Veterinary pregnancy

X8 Veterinary Color Ultrasound Machine

SY-DBC101013

Professional obstetric testing	Pet heart supersound
Large high-definition touch screen	256 Array Yuan 96 Channel
Real-time measurement calculations	Breeding performance testing



X7 Veterinary Ultrasound Machine

SY-DBC101014

Doppler color imaging	Large high-definition touch screen
IPX6 waterproof	128 array elements 32 channels
HDMI output	Professional obstetric testing



X3 Veterinary Type B Ultrasound Machine

SY-DBC101014

16-color false color display	Lightweight and portable
One-click backfat measurement	The battery is easily replaced
80 array elements 8 channels	Free playback of multiple frames



X3 Veterinary Type B Ultrasound Machine

SY-DBC101021

16-color false color display	Lightweight and portable
One-click backfat measurement	The battery is easily replaced
80 array elements 8 channels	Free playback of multiple frames



300 Backfat Thickness Tester

SY-DBC101022

All-metal housing	Lightweight and portable
It's easy to use	Three layers of backfat are displayed
One-click measurement	Long-lasting battery life



Veterinary pregnancy

X8 Visual Backfat Thickness Measuring Instrument

SY-DBC101101

- | | |
|--|--------------------------------|
| IPX6 waterproof | The image is displayed clearly |
| No shaving, one-click measurement | Lightweight and portable |
| There are no dead zones in the measurement | Accurate measurements |



V80S Wireless Ultrasound Diagnostic Instrument

SY-DBC101102

- IPX6 waterproof
- Long battery life
- Harmonic imaging



V96 Veterinary B-type Ultrasound Diagnostic Instrument

SY-DBC101103

- | | |
|-------------------------------|-----------------------|
| Doppler color ultrasound | Long battery life |
| Interchangeable probes | IPX6 waterproof |
| 80 array elements 32 channels | Wireless transmission |



V1 Veterinary Wireless B-ultrasound

SY-DBC1010101

- | | |
|------------------------------|--|
| IPX6 waterproof | Lightweight and portable |
| Long battery life | The probe is waterproof and cold-resistant |
| 16-color false color display | Wireless transmission |



V80 Veterinary Wireless B-ultrasound

SY-DBC1010102

- | | |
|------------------------------|------------------------------|
| 16-color false color display | Long battery life |
| Lightweight and portable | 80 array elements 8 channels |
| IPX6 waterproof | Wireless transmission |



Veterinary pregnancy

500 Animal Estrus Detector



Safe and environmentally friendly materials

The operation is simple and convenient

Detection is accurate and fast

High-frequency probe detection

Compact and lightweight

IPX6 waterproof

Product parameters

Measuring range: 0~1990 units	Measurement error: $\pm 1\%$	Screen: 2.0 inch LCD screen
Operating temperature: 0~50°C	Operating Humidity: 85%	Body Material: ABS
Probe material: bio-silicone	Battery: 9V6F22	Packing size: 550*110*110mm
Net weight: 360g	Gross weight: 700g	
Probe length: Pig: 300mm / Sheep: 200mm / Cow: 425mm / Dog: 120mm		
Reference values	oestrus: 250 \pm 10	Not in heat:>450

Verterinary Tools



Ear tags
SY-101011



Ear tag scanner
SY-101012



Pig Pad
SY-101021



Pig Pad
SY-101022



Electric pig pad
SY-101101



Continuous syringes
SY-101102



Sow seductive hormones
(Boar odorant)
SY-110102



Marker
SY-110112

Verterinary Tools



Veterinary electronic
thermometers
SY-1101121



Electronic cooler box
SY-1101122



L430
Animal laser therapy
device
SY-110112011



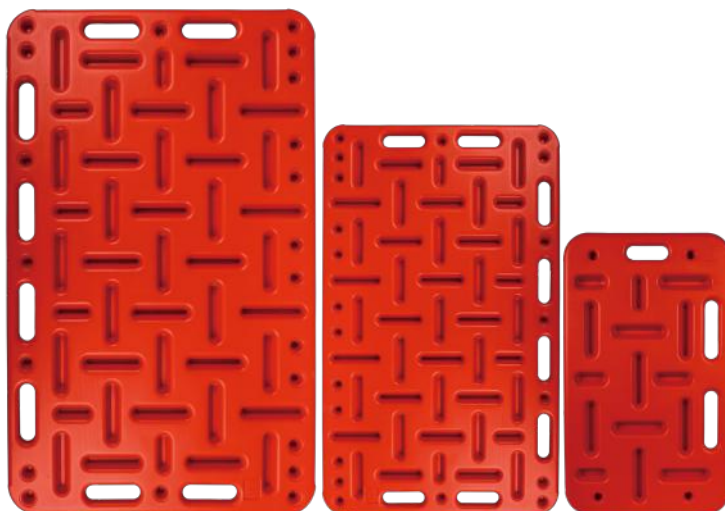
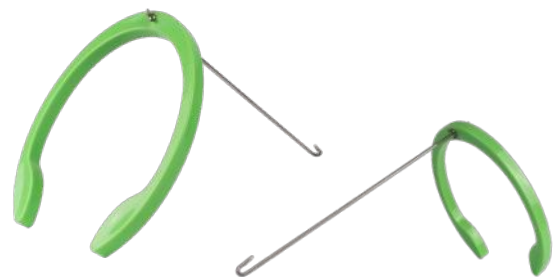
L230
Animal laser therapy
device
SY-110112012

Insemination Assist Circle

Horseshoe and steel support design for greater ease of use

Light weight; steel supports; Anti-backflow

SY-DBC10009



Pig guards

Small 755*460*30mm 5pcs/carton

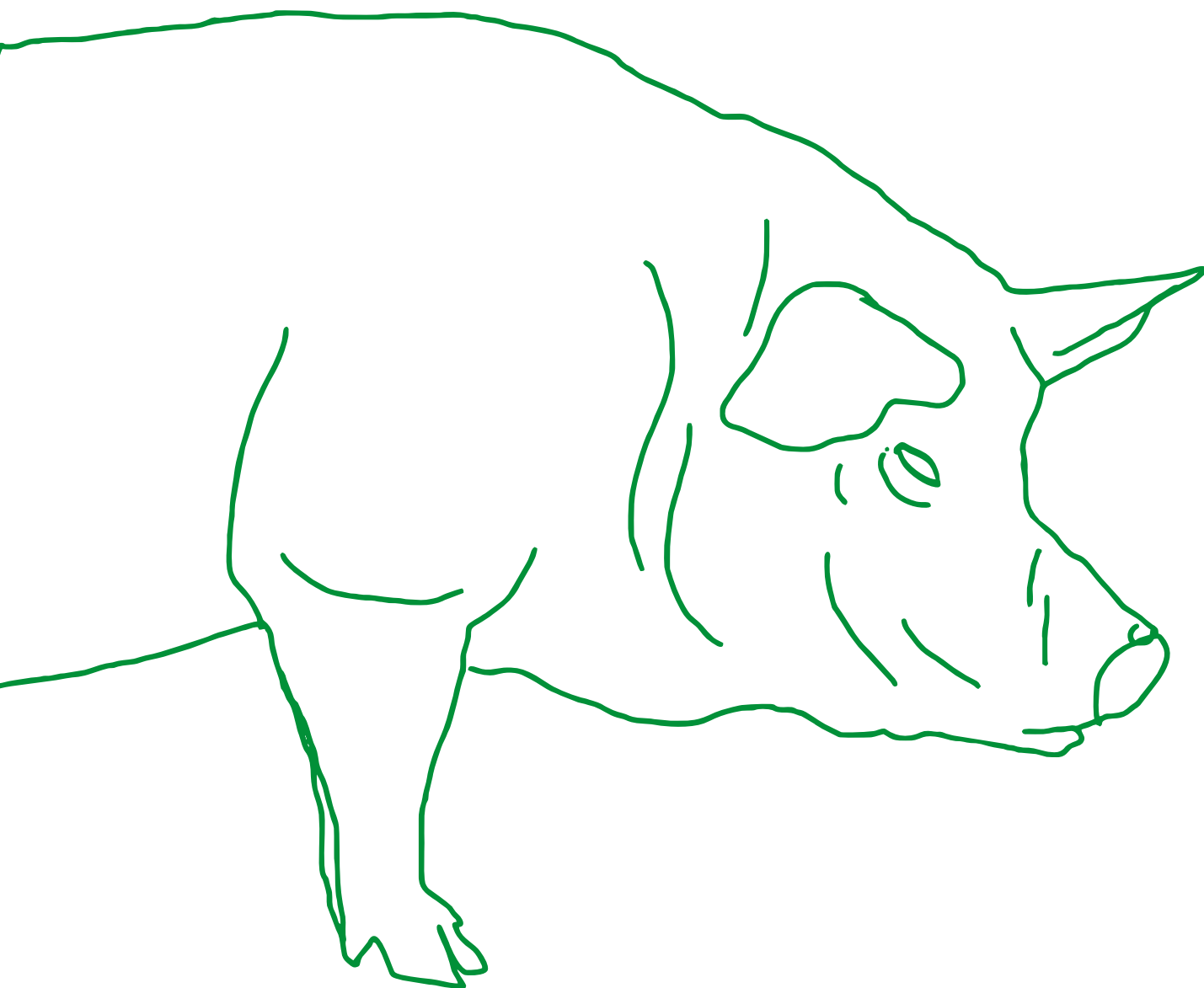
SY-DBC100070

Medium 940*760*30mm 4pcs/carton

SY-DBC100071

Large size 1200*760*30mm 3pcs/carton

SY-DBC100072



Passion for animal reproduction

A3 Building, Jianye Road, Nanhu Industrial Area, Zhongxiang, Hubei Province, P.R.C. 431900 Tel: +86-724-607-0322
Email: ivan@syrun-bio.com