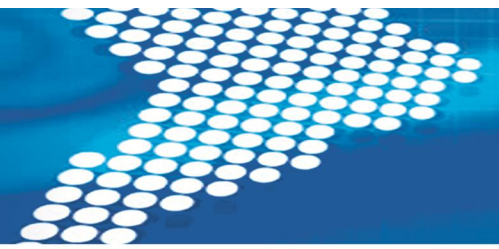




# Sanwe Medical

## Andrology·Gynecology



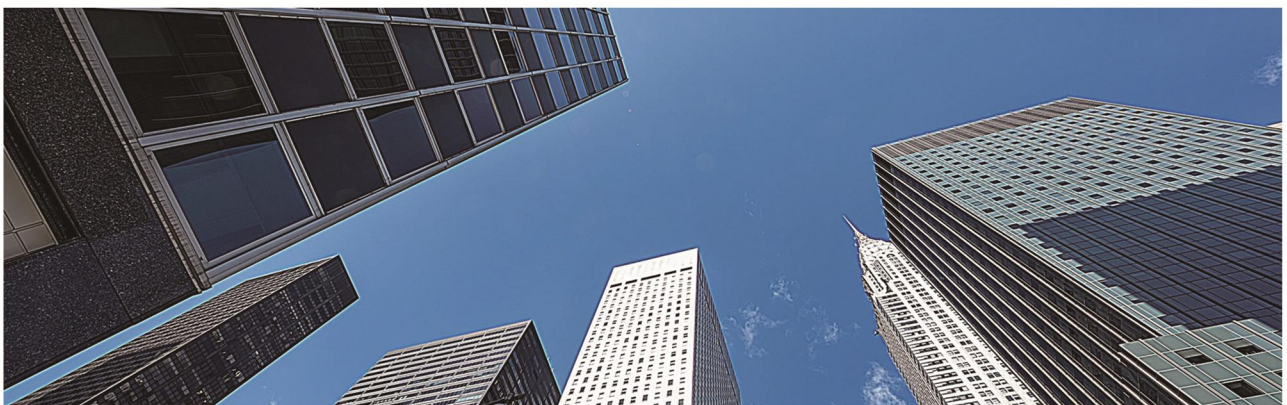


Jiangsu Sanwe Medical Science and Technology Co.,Ltd. is the National High-tech Enterprise, National Torch Plan Project Unit, the UN Procurement Qualified Supplier Enterprise, Jiangsu Double Software Enterprise, Jiangsu Famous Brand Enterprise and Jiangsu High Credit Enterprise. It is also the only one marked with CE certificate among male function rehabilitation products manufacturers.

The filed covers 2 kinds more than 30 products including MAN+ male health management system and Gynecology.The company has more than 10 kinds of high-tech products,dozens of invention patents and nearly 100 patents for utility models.“Sanwe Medical” has become the most powerful and the most influential reproductive health products supplier,and successfully entered the international market, whose products are exported to many countries and regions such as the Middle East, Europe and America,etc.

In July 2012,Sanwe built the strong cooperation relationship with USA MAPTAG.Relying on the leading international scientific and technological advantages of Maptag group, Sanwe Tag Biological Technology(Beijing)Co.,Ltd was established in the Chinese capital Beijing Tsinghua Science Park,committed to enhance the operations of the MAN+ the male health management project. At the same time it set up a wholly-owned subsidiary(Suzhou) for the high-end domestic market and the international market in 2013.

To build the perfect modern management, marketing and market service system,and provide good after-sales service for the customer,is the Eternal promise of Sanwe.



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## SW-3501 Male Sexual Dysfunction Therapeutic Apparatus

### Introduction:

The SW-3501 Male Sexual Function Rehabilitative and Therapeutic System is a integrative apparatus used for treating recuperation of male sexual dysfunction. The instrument is integrated technology of modern computer, automatic control, electric pulse, digital display.

Therapy scheme is based on the combination of meridian doctrine principle of traditional Chinese medicine and modern digital electronic technology. And the instrument has multiple comprehensive physical-chemical functions, such as electro low frequency stimulation, negative pressure suction, pneumatic massage, water massage, strong current stimulation and medicated fluid bath, etc. Treating penis and related accupoint through special medical device can adjust cerebral cortex function, stimulate spinal nerve center, promote channels circulation, and enhance the male erectile function. The instrument has whole therapeutic effectiveness.

### Application Range

Widely used for treatment of male sexual dysfunction: Erectile dysfunction, ejaculation obstacles, sexuality barriers, defective ejaculation, minor-penis, delayed puberty of male teenagers, and sexual function degeneration of the middle and old male.



Negative Pressure Pump



Electrode



Suction Horse

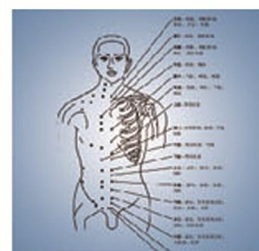




## The Principles And Functions Of Therapy

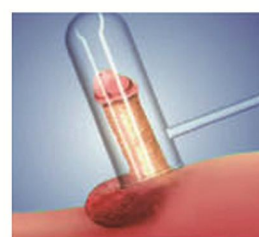
### 1) Low Frequency Electric Pulse Stimulation

According to traditional Chinese Medicine Meridian Theory, the instrument can stimulate sex-related and prostate-related acupoints of people, adjust function of brain cortex, active spinal central system, speed up the penis nerve conduction velocity, strengthen the contraction capacity of glands, and effect the treatment of ejaculation obstacles, erectile dysfunction, prostate disease and the improvement of the secondary development of sexual organs.



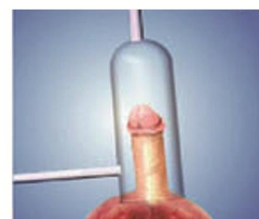
### 2) Vacuum Negative Pressure Suction

The vacuum attraction acts upon penis that can promote arterial vasodilatation of penis and the circulation, improve and balance the level of testosterone secretion, activate erectile nerves, increase blood volume of penis cavernosum and albuginea's thickness, improve the fibrous tissue of penis root, so that enlarges penis, make erection lasting and strong. At the same time, under the effect of vacuum attraction, it can activate blood stasis, force prostate gland duct to open passively, suck glandular inflammatory secretions and metabolites out, so as to alleviate stress of prostate body, make blood circulation smooth and glandular recover to be normal.



### 3) Pneumatic Massage

Through the alternating effect of vacuum attraction, the blood repeat slosh in the penile arteries and cavernosa that make permeability of capillary enhance and cell tolerance increase. The resting cells are activated; the penis injury or occlusive vessels will be repaired and smooth.



### 4) Strong Current Stimulation

Under the effect of vacuum attraction, the strong currents impact and rub the glans penis repeatedly in order to reduce the excitability of nerve endings so as to passivate the nerve of glans penis, sulcus coronarius, and the surface of the penis, and regulate the sex nerve center in order to minimize nerve sensitivity, improve ejaculatory threshold to treat premature ejaculation.



### 5) Water Massage

Fluid auto-infusion system can help patients accept water massage and medical bath therapy. With negative pressure, water or liquid medicine can massage penis repeatedly, so the instrument can strengthen the activity of penile skin cells and accelerate the decomposition of drug ion and absorption of cells to drug-ion. Drug soaks penis, which make cavernous body adequately nourished and accelerate sexual function rehabilitation.



## SW-3502 Duke Tiger Andrology ED Therapy System



Duke Tiger Andrology ED therapy system is the sexual dysfunction therapy system, which can simultaneously treat erectile dysfunction and premature ejaculation. It adopts the international leading four big functions sexual treatment technology to completely overcome sexual dysfunction and premature ejaculation problems.

### Features

#### 1) Aerodynamic Wave Therapy To Improves Erectile Dysfunction

Dynamic wave increase sponge blood volume and white film thickness, accelerate the arterial vasodilation, sensory nerve latency for the treatment of fat enteric nervous reaction time delay symptoms, improve the level of testosterone secretion, improve the fibrous tissue, restore elasticity, maximize the penis length and hardness and can extend the time of erection and hardness to treat the impotence effectively.

#### 2) Premature Ejaculation Bionic Therapy To Improve The Threshold Of Ejaculation

Adopts anthropomorphic treatment pattern, the spatial three-dimensional all-round package penis, human feeling gentle feeling humidity simulation vaginal environment, repeated friction to the penis, passivation coronary ditch, the penis skin facial nerve, the nerve center of regulatory, in order to reduce nerve sensitivity, improve the threshold of ejaculation, effective treatment of premature ejaculation.

#### 3) Ray Magnetic Therapy To Dredge Stenosis Vascular

Using rectangular wave physical therapy, multifrequency vibration massage way to constantly stimulate the neurons, exercise organ in muscle, promote cells metabolism, accelerate blood circulation, improve vascular micro environment, make narrow congestion effectively the expansion of blood vessels, that slow or stop the aging process, rapid activate the organ in primary energy.

#### 4) Photons Penetrating Therapy To Activate The Sleeping Group

Light particles to slightly higher than the temperature of heat through the cavity surface of hot compress, into deep tissue, by light composite effect to improve local blood circulation and metabolism, promote blood circulation, achieve sufficient qi and activate the secondary development of dormant cells, promote cells so that the cavity body produce energy.

## SW-3501 PE Therapy System

### Apparatus Features

- 1) China's first equipment for premature ejaculation treatment.
- 2) The first PE treatment device certified by CFDA.
- 3) Six major technologies to solve psychological PE and organic PE.
- 4) The concept of hospitals and factories joint treatment to make up for the difference in treatment time.
- 5) New consumable design, optoelectronic consumable design makes patients more intuitive treatment experience.
- 6) Fill the gap in professional premature ejaculation treatment equipment and reduce the risk of surgical treatment of premature ejaculation.

### Functions And Principles

#### 1) Semans Technology

Through repeated stimulation of the penis - stop stimulation training, reduce penile sensitivity, increase the ejaculation stimulation threshold, strengthen the ability to inhibit ejaculation, and extend the ejaculation latency.

#### 2) Dragon Ball Impact Technology

Under the action of dynamic waves, the speed and intensity of the Dragon Ball are self-adjusting. The Dragon Ball impacts the vibration and rolling friction on the penile ligament and the upper and lower sides of the coronal sulcus on the other side of the penis, stimulating the penile sensory nerve and inducing the nerve sensitivity, increasing the ejaculation threshold.

#### 3) VR Technology

Incorporating VR 3D stereo sensory stimulation technology, simulating the real sexual intercourse environment, giving patients mental and psychological all-round stimulation treatment training, re-establishing ejaculation conditioning of patients with psychological premature ejaculation, establishing patient confidence, thus curing psychological premature ejaculation.

#### 4) PE Temperature Control Technology

The water cube treatment device can simulate the vaginal temperature, or alternately stimulate the blood vessels to shrink, thereby increasing the elasticity of the blood vessels and the tolerance to stimuli, improving the blood circulation and nutritional status of the body, and causing metabolites and Pain factors, inflammatory mesons, and undesirable components that form atherosclerotic plaques that are easily deposited on the vessel wall and intima are excreted with blood perfusion.

#### 5) Psychological Intervention Treatment Mode

Implementation: Adopt the internationally accepted IIEF test questionnaire to confirm the objective state of the user and give certain positive treatment guidance.

#### 6) Hospitals And Factories Joint Treatment Mode

Carrying a self-service PE therapy device to carry around to compensate for the intermittent difference in hospital treatment.





## SW-3600 Series Male Sexual Dysfunction Diagnostic Apparatus

### Apparatus Introduction

It merges neurology, psychology, theory of automatic control, ultrasonic technology and computer-automatic digital display technology in one. It also possesses such detection methods as psychological evaluation, electro-physiological nerve examination, Doppler ultrasonic blood examination, nocturnal penile tumescence (NPT) Record which can be widely used in male sexual dysfunction detected.

### Examination Range

The instrument is applied to the clinical diagnosis of psychological sexual dysfunction, neurological dysfunction, vascular and other organic sexual dysfunction.



## The Function And Principle Of Examination

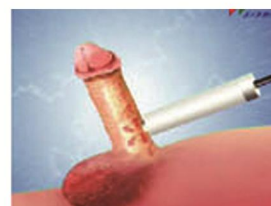
### 1) Electric-physiological Nerve Examination

The instrument stimulates on the dorsal penile nerve and measures the conduction velocity and amplitude of reflex arc by using myoelectricity / evoked potential in order to know nerve conduction function, and thus to achieve the position oriented diagnosis of the nervous system disease.



### 2) Doppler Ultrasonic Blood Examination

Transmits ultrasonic wave to human vessel through ultrasonic probe, and the average rate of blood flow can be measured by probe receiving echo signal. PFI can be worked out by computer automatically, detecting whether sexual dysfunction is caused by vascular lesion. It also can be used for the detection of systolic and diastolic pressure.



### 3) Sexual Psychological Evaluation and Diagnosis

Use conventional international questionnaire to know the patients' real performance when making love and evaluate the degree and pathogeny of sexual dysfunction, which can give reference for doctors to make effective treatment.



### 4) NPT Records

While the patient is sleeping, the HOLTER box will record the times, persistent period, rigidity, length, circumference of penis when it erects and the change of blood volume. The corresponding images of diagnostic result can be created automatically by connecting with computer, to help doctors fix on the erectile dysfunction style of the patient, which is the most effective method to distinguish psychological erectile dysfunction and organic erectile dysfunction.



## Apparatus Features

- 1) The test results are detected by a variety of ways that can confirm each other to ensure the accuracy of detection
- 2) A variety of detection methods can be freely matching
- 3) The computer tracks and controls testing process.
- 4) High-definition LED to facilitate the operation of the clinical doctor

	Electro-physiological nerve examination	Doppler ultrasonic blood	Sex-psychological evaluation and diagnosis	NPT
3600	√	√	√	√
3602	√	—	—	—
3603	—	√	√	—
3620	—	—	—	√

## SW-3605 Hesin Star Large-scale Workstations Of Andrology



It is a new type of non-invasive and non-traumatic high-tech therapeutic apparatus with the combination of modern digital technology and science principle of channels and collaterals of traditional Chinese medical science. It applies extra corporeal therapy to user. It combines electro-physiological nerve examination, Doppler ultrasonic blood examination, sexual psychological evaluation and NPT records functions. At the same time, it has many physiological therapeutic techniques, such as electro low frequency stimulation, negative pressure suction, pneumatic massage, water massage, strong current stimulation, medicated fluid bath and deep conduction of drug ion.



**Apparatus Features:**

- 1) The electric bed that is in conformity with ergonomic principles can freely be adjusted on the basis of clinical need
- 2) Powerful software control functions, a variety of diagnostic software can be swithed flexibly
- 3) High-definition color camera system can track and record the whole course of treatment
- 4) Dual high-definition LCD screen , can be switched freely

**Diagnostic Function:**

- 1) Sexual Psychological Evaluation and Diagnosis
- 2) Penile Blood Ultrasound examination
- 3) Nocturnal Penile Tumescence Monitoring
- 4) Electric-physiological Nerve Examination

**Therapeutic Functions:**

- 1) Premature Ejaculation Desensitization Training
- 2) Prostate Rectum Interventional Treatment
- 3) Low-frequency Electric Pulse Stimulation
- 4) Pneumatic Massage
- 5) Vacuum Negative Pressure Suction
- 6) Water Massage
- 7) Bubble Massage
- 8) Strong Current Stimulation

**Functions and Configuration:**

Function Configuration Type	Sex psychological evaluation and diagnosis	Electro-physiological Nerve Examination	Doppler Ultrasonic Blood Examination	Nocturnal Penile Tumescence Recorder	Electro Low Frequency Stimulation	Vacuum Negation pressure suction	Strong Current Stimulation	Medical Bath Therapy	Prostatitis Therapy	Dual LCD Screen	Sperm Collector	Sperm Analyzer	Treatment Couch
Deluxe Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Electric
Update Type	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	Hand-actuated
Standard Type	✓	—	✓	—	✓	✓	✓	✓	—	✓	—	—	Hand-actuated

## SW-3610 Series Male Penile Erection Rigidity And Sensitivity Quantitative Analysis



SW-3610 Male Penile Physiology Multiparameter Testing Apparatus merges modern techniques theory of automatic control and computer-automatic digital display technology in one, it is of superior performance and high safety, which make it effective to examine the hardness and sensitivity of male penis, so as to provide reliable data reference for making therapeutic schedule. It can be connected with the PACS to store and transfer the data, sharing the patients record sources.

### Function And Principle

Hardness examination

- 1). Main functions: Include axial direction examination and radial direction examination
- 2). Auxiliary examination function: Penis circumference examination: glans penis temperature examination

Sensitivity examination of penis

- 1). Sensitive nerve examination of penis( vibration)
- 2). Examination functions of penis threshold of feelings( heat、 cold: heat、 crymodynia )

Sex psychology evaluation and diagnosis

### Application Range

The instrument is applied to the clinical diagnosis of vascular sexual dysfunction.

### Functions And Configuration:

Configuration Model	Computer	Monitor	Software	Printer	Probe	Rigidity	Sensitivity
SW-3610	✓	✓	✓	✓	✓	✓	✓
SW-3612	✓	✓	✓	✓	✓	✓	—
SW-3613	✓	✓	✓	✓	✓	—	✓

## SW-3701 Automatic Sperm Collector



### Apparatus Features

- 1) The device can simulate the movement of women's vagina that makes the patient feel comfortable in the process of collecting semen
- 2) Provide a full range of visual, auditory stimulation
- 3) Private used semen-collection sheath can eliminate contamination of semen
- 4) All-round isolation measures can prevent cross infection

### Apparatus Functions

#### 1) Sperm collection

It can simulate vaginal environment, through massage, twitching, sucking, vibration, etc., act upon the human penis, which can make semen collection fast and safe. So it is the best clinical equipment of sperm collection.

#### 2) Premature ejaculation desensitization training

The strong currents impact and rub the glans penis repeatedly in order to reduce the excitability of nerve endings so as to passivate external nerve of glans penis, sulcus coronarius, and the surface of the penis, and regulate the sex nerve center in order to minimize nerve sensitivity, improve ejaculatory threshold to treat premature ejaculation.

### Technical Parameters

- Massage frequency: 0—1.5Hz
- Motion frequency: 0—2.5Hz
- Motion journey: 30-50mm
- The adjustable range of sperm-collecting barrel walls: 10-30mm
- Cavity with constant temperatures <math>< 36^{\circ}\text{C}</math>
- The illumination of glow is more than 800lux
- LCD multimedia acoustic image system



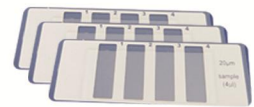
Isolating Pad



Collection Condom



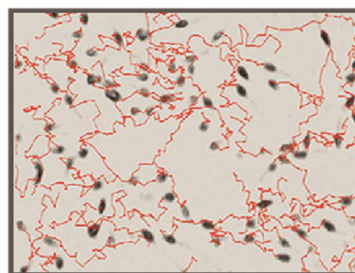
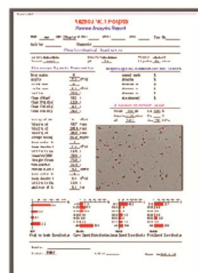
## SW-3702 Sperm Quality Analyzer



Sperm Counting Chamber

### Apparatus Features

It's a kind of high-tech intelligent product used in modern reproductive medicine with the combination of computer image processing technology and advanced artificial intelligence technology. It can be used for automatic identification of sperm and automatic tracking of sperm movement, finish the analysis for a number of parameters in conformity with the WHO international standards fast and take comprehensive quantitative analysis of sperm activity and static characteristics. It is suitable for clinical semen detection, providing an important scientific basis for male fertility.



Colorful Picture

## Apparatus Features

- 1) Can filter out all kinds of impurities which are different from sperm to ensure the accuracy of test.
- 2) Scatheless detection can ensure the sperm's natural motion state and monolayer sampling.
- 3) All the data and dynamic static images of sperm examination for patients are stored with digital form. It can be used for variedly querying, modifying, adding up, and printing inspection reports, and can also share resource within the networking freely.
- 4) Advanced morphological analysis software, clearly and intuitively colorful picture.

## Detection Items

- 1) Sperms density, survival rate of sperms, the movement locus of sperms, and distribution curve of sperms movement.
- 2) Average speed, total number of the sperms, total numbers of motile sperms, survival rate of the sperms in the curvilinear motion of sperms .
- 3) Average speed, total number of the sperms, total numbers of motile sperms, survival rate of the sperms in the rectilinear motion of the sperms .
- 4) Average speed, total number of the sperms, total numbers of motile sperms, survival rate of the sperms in the average path motion of the sperms .
- 5) Graded speed of sperms motion: the survival rate of A rapid motion forward, B slow motion forward, C non travel forward, D hyperslow or motionless of the sperms.
- 6) The side-way amplitude of sperms, sperms wing, whipping frequency of sperms, the rate of rectilinear motion, total number
- 7) linear speed, average speed of motion, the sperms' number of linear motion.

## Technical Parameters

Maximum of the detected sperms: 1000

The range of detection speed: 0-180 $\mu$ m/s

The frame number of picture: 0-75

Resolution of particle diameter: 0-150 $\mu$ m/s

The analysis time: 1-5 seconds or longer

Group number of collected images: 1-15 groups

Applicable magnification of microscope objective lens: 10x.20x.40x.100x

## Subjective Examination Items

other ingredient of semen-- epithelium, hematid, leucocyte

number of teratosperm—number of head teratosperm, number of tail teratosperm, number of body teratosperm, number of mixed teratosperm

rate of teratosperm

sperm appearance, viscosity of sperm

sperm volume, dilution ratio

scent of sperm, sperm extraction method

sperm PH value, date and time of sperm extraction

contenance time, basic data of patient

## SW-3900 Series Prostate Treatment System



SW-3902



Disposable Tiny Probe,  
Targeted Drug Delivery



SW-3901



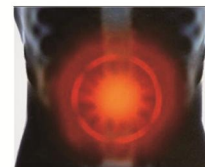
## Features

The new Prostate Treatment System is supplied with the thinnest rectal probe (25% smaller than the existing smallest probe) for targeted drug delivery. Combined with the latest magnetic patented technology, it can dredge and repair the prostate gland directly. The whole course of treatment is non-invasive, painless, safe and comfortable. It is the most effective clinical treatment equipment for benign prostatic diseases.

## Product Functions

### 1) Bio-hyperthermia, Activate Prostate Glands

Use bio-thermal effects, through the warm probe, to activate the water molecules in the body To make the tissue cells at the highest resonance level, activate the gland



### 2) Targeted Drug Delivery To Reach Gland Directly

High frequency vibration stimulates sympathetic nerve, accelerates blood circulation, and dredge the gland tube. Promote the medicine to penetrate into the glands and eliminate the inflammatory substances.



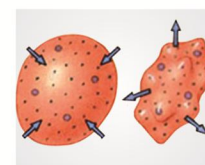
### 3) High-frequency Vibration Reach Gland Deeply

High frequency vibration stimulates sympathetic nerve, accelerates blood circulation, and dredge the gland tube. Promote the medicine to penetrate into the glands and eliminate the inflammatory substances.



### 4) If Massage, Appease Prostate Glands

Median massage comfort, so that drug ions evenly infiltration, and further eliminate inflammation. Meanwhile induce the body's endorphin secretion, analgesia and bring pleasure.



## Applicable Symptoms

Suitable for acute and chronic prostatitis, intractable prostatitis, benign prostatic hyperplasia, hypertrophy, prostatodynia, urethritis, etc.,. It has the quick effect, short course of treatment, no age limit, safety and no side effects.

## SW-3000 Series Infrared Inspection Equipment for Mammary Gland



### Apparatus Introduction

This apparatus is the perfect combination of computer digital technology, optics and imageology. It uses infrared transmittance characteristic scanning and diagnosing breast, which is the necessary equipment for medical department, health department and Planned Parenthood Department.

### Applicable Range

Used for diagnosis and test for mastopathy, widely applicable in medical institution of all class.

### Working Principle

The apparatus is based on the characteristics that hemoglobin has a clear selective absorption of infrared radiation, using infrared light to scan the breast tissue. The signal is processed after the photoelectric conversion by host computer. According to the gray image, border, blood vessels distribution, it can determine whether the tumour is malignant or benign and detect proliferative, inflammatory and cystic lesions. It has great value for filtering breast cancer, survey of health women.

### Apparatus Features

- 1) two-probe design, convenient to choose by the clinic need
- 2) quartz handle can stepless adjust, convenient to use, low heat, can be used continually for a long time
- 3) Fiber probe can be set respectively with electrical source and lamphouse, with small prods, leaky less, better anti-interference performance
- 4) High-definition, 19-inch LCD, real-time dynamic color display
- 5) Imported high-resolution, low-light CCD camera
- 6) Using the latest version of the image processing software, perfect visibility, and high sensitivity
- 7) Perfect function of color image processing and case files editing

### Software Features

- 1) Dynamic video recoding without time limit and storage system
- 2) Possessing functions of real-time, freezing, collecting, processing, pseudo-color, measuring, comparing, saving, editing images and others
- 3) Large C / S structure database server
- 4) Compatible with the PACS system, with a sound network system function
- 5) Editing report quickly and easily, and owning lots of practical expert diagnosis thesaurus, templates, making it easy to tune out and edit
- 6) With rich standard body parts map, typical case images and diagnostic results to help doctors quickly and accurately diagnose the illness
- 7) More than 300,000 cases storage capacity
- 8) Connected with HIS to transmit patient's information via the internet

### Technical Parameter

- 1) Resolution:  $\geq 600\text{TVL}$
- 2) Grayscale: 256 levels
- 3) Quality of picture catcher:  $1024 \times 768$
- 4) Images storage:  $\geq 800.000$  frames
- 5) Lamp house: maximum illumination of  $1 \times 105\text{LUX}$ , continuously adjustable
- 6) Continuous working time:  $\geq 24$ hours

## SW-3101 Mastopathy Treatment System



SW-3101plus



SW-3101

SW-3101 Mastopathy Treatment System is the international advanced treatment technology for breast benign disease. It is an efficient, safe and painless integrated treatment system with lightning wave, luminous energy, drug iontophoresis and simulation massage. It also has the four models of Lightning dredge, luminous energy resonance, targeting drug delivery and 5D simulation massage. They can successfully reach the effect of dredging - circulation - target - regeneration. Meanwhile, applying appropriate treatment mode to the different conditions, it changes the traditional single treatment method and opens a new route for the treatment of mammary gland.

### Principles

#### 1) Lightning Dredging

Lightning wave rapidly infiltrate into lactiferous ducts through the electrode, which will disintegrate lesions and discharge rapidly. Meanwhile, it will enhance the enzyme activity and accelerate the glands' rapid cycling, so as to solve all kinds of breast benign disease caused by the breast block.

#### 2) Luminous Energy Resonance

Certain wavelengths of light penetrate through the breast of 30-80MM. It can directly enter into glands to produce light wave resonance, which increase the circulation of the blood and lymphatic system, activate the breast tissue metabolism and enhance microcirculation function.

#### 3) Targeting Drug Delivery

Targeting to the breast lesion, the drugs will be imported into lesions through the electrodes. The drug ion will be spread and fully absorbed, so as to achieve the curative effect of curing, and effectively prevent the occurrence of side effects.

#### 4) 5D Simulation Massage

Simulation massage through the electrode can stimulate the pituitary gland to secrete hormones, make mammary gland vasodilation and permeability enhancement. Meanwhile, it can awaken the glands dormant cells to promote the secondary development of the breast.

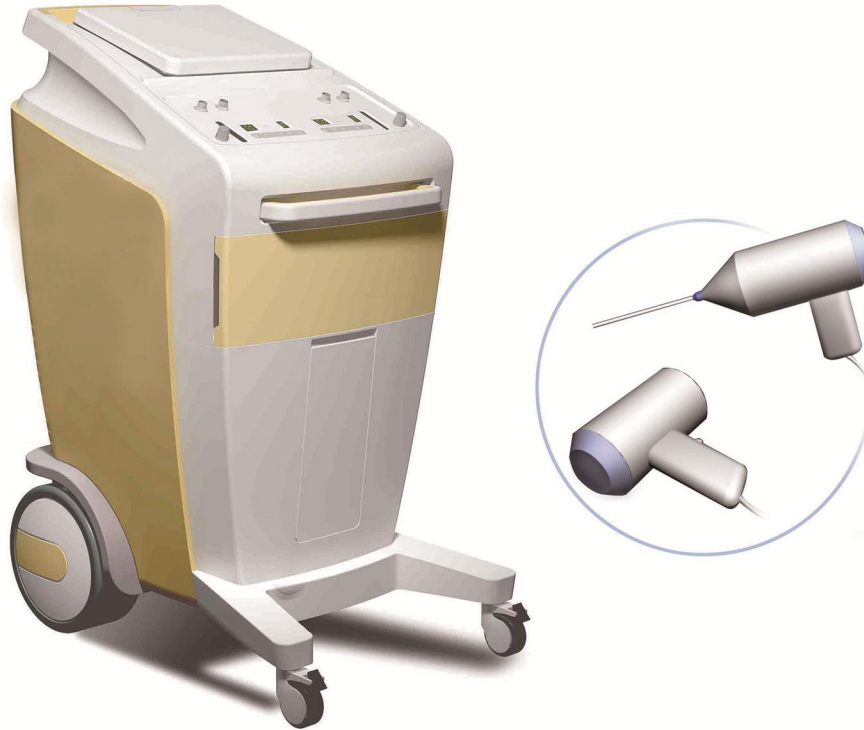
### Application range:

Mastopathy treatment: Mastitis, lacteal painful disease, breast lobular hyperplasia of breast benign disease.

Breast care: Adjust the postnatal lack of lactation, abundant breast the body.



## SW-3200 Series Multiple Function Treatment Apparatus



### Product Introduction

SW-3200 series multiple functional treatment apparatus has the photochemical effect on the diseased tissue through its light produced by the infrared bulb controlled by inside microcomputer, thus the diseased tissue degenerate and drops off layer by layer, microcirculation and histotrophic nutrition will be improved and the inflammation assimilation and tissue healing will be promoted, therefore. The effect of self recovery without scarring can be reached.

### Main Application

This apparatus is mainly used for the infrared radiation treatment for cervical erosion.

### Product Feature

- 1) Primary healing rate reaches above 98%; for severe erosion, twice of treatment is enough.
- 2) Without scar; good recovery of elasticity and no influence to the normal physiological function.
- 3) Easy operation and short treatment time.
- 4) Smell less; no pain.

### Technical Parameter

- 1) Max.Power output of infrared light:  $15w\pm 15\%$ .Continually adjustable foe less than 20 grade.
- 2) Optical wand diameter := $10\pm 2mm$
- 3) Optical wand length :  $L=200mm\pm 200mm$
- 4) Max. Temperature of the probe side surface of infrared light output:  $\leq 50^{\circ}C$
- 5) Treatment time of infrared light: continually adjustable between 0-30 seconds.
- 6) Wavelength of valid spectrum of infrared light: $0.8\mu m--3.0\mu m$
- 7) Output power: $\leq 300VA$



## SW-3300 Series Digital Optical Colposcope

### Apparatus Features

- 1) Specialized design, simple operation, and more humanity
- 2) Realization of the quantitative control on the detection process and image analysis
- 3) Electric green filter function based on hardware control
- 4) Realization of the statistical analysis of inspection data
- 5) Advanced network application technology

### Software Features

- 1) Possessing functions of real-time, freezing, collecting, processing, pseudo-color, measuring, comparing, saving, editing images and others.
- 2) Editing report quickly and easily, and lots of practical expert diagnosis thesaurus, templates, making it easy to tune out and edit
- 3) Dynamic video without time limits and storage systems
- 4) More than 300,000 cases storage capacity
- 5) Large C / S structure database server
- 6) Compatible with the PACS system, with a sound network system function
- 7) With rich standard body parts map and typical case images and diagnostic results to help doctors quickly and accurately diagnose the illness
- 8) Connected with HIS to transmit patient information via the internet

### Applicable Range

- 1) Vaginal exfoliative cytology smear examination is more than three Pap levels.
- 2) Cytological examination is negative, but the naked eye observation has the suspicion of cancer
- 3) Long-term treatment in accordance with cervicitis, but the effects are not good.
- 4) The minor structural form of lesions is difficult to determine by the observation with naked eye.
- 5) The disease site and its spread part that can only be determined under the electric colposcopy before cervical cancer surgery

### Functions And Configuration:

Configuration Model	Computer	Monitor	Software	Printer	Camera	Microscope
SW-3302	✓	✓	✓	✓	800,000 Pixel	—
SW-3303	✓	✓	✓	✓	800,000 Pixel	—
SW-3304	✓	✓	✓	✓	1,300,000 Pixel	—
SW-3305	✓	✓	✓	✓	2,380,000 Pixel	—
SW-3306	✓	✓	✓	✓	2,000,000 Pixel	✓



## SW-3305 HD Digital Electronic Colposcope

### Apparatus Introduction

It is an electrical and optical high-tech diagnosis system merging computer technology, optics, imaging study, ergonomics principles and colposcopy, so that it can have more accurate evaluation on the border sector where we are not able to see by our naked eyes and bring more comprehensive solution to diagnosis and treatment of diseases.

### Apparatus Features

- 1) High-definition and professional camera imported with original packing, dynamic AF, video blocking, adding with special progressive scan and DSP intelligence control technology (intelligent color control) can realize digital video camera.
- 2) Built-in 3.5 inch high-definition color monitor, can realize double-monitor display.
- 3) Professional discrete graphics and high-definition video graphics.
- 4) The bracket can be adjusted arbitrarily 360 degrees.

### Technical Parameter

Camera:

- 1) High-definition and professional camera imported with original packing, image noise-detection, DSP intelligence control technology, progressive scan.
- 2) Built-in 3.5 inch high-definition color monitor.
- 3) Professional bracket, 360 degree expansion and revolution.
- 4) 1/4 Super HAD color CCD and 2,380,000 pixels.
- 5) Horizontal resolution: more than 540 lines.
- 6) Video input port: digital video output and S-video, Video, NTSC, PAL system.
- 7) Focusing distance :300-400mm
- 8) Optical zoom:20 times, digital zoom:12 times
- 9) Magnification factor :288times
- 10) Field range:2.5~30mm
- 11) Camera white balance: auto AWB pattern for inner photometry.
- 12) Camera focusing way:automatical or manual focus ,also for software interface control

### Light Source

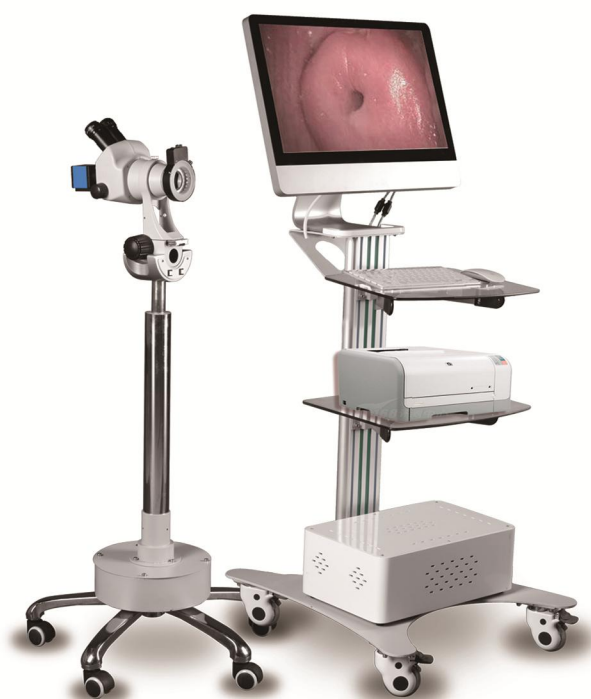
Imported high lumen LED circular multipoint cold light source (super luminance, can be used for 150,000 hours, light intensity can be continuously adjustable).

### Software

- 1) Professional digital colposcope software.
- 2) English and Russia language.
- 3) System image storage:768\*576\*16M,1000000
- 4) Consistent image capture No:1~70
- 5) Strong image processing function



## SW-3306 Digital Optical Colposcope



### Apparatus Features

SW-3300 series Digital Optical Colposcope is a high resolution, high definition color digital CCD imaging system with optical microscope configuration. The development of high brightness luminous shadow less lighting sets, new shape, high speed image acquisition and processing system, image analysis and processing Microsoft, color printing report output device, rotary bracket, luxury car etc, it collects a variety of advanced characteristics as a whole new type of digital optical colposcope imaging system. It can be connected with the PACS to store and transfer the data, sharing the patients record sources.

### Technical Parameters

Portion of the lens: Leica M60 Micro Optical Lens

Optical Amplification: 0.63× to 4.0×

Zoom Ratio: 6:1 step less zoom.

Compound Lens: Complete achromatic compound lens.

Eyepiece: Wide vision, 10×21mm.

Camera System: Professional digital 1/1.8"CCD, 2 million pixels, microcomputer control automatic white balance, color saturation and so on. 1600X1200 resolution acquisition mode, horizontal resolution can reach above 750TVL.

Lifting bracket: 360 °rotating electric lifting platform.

# MAPTAG Male Sexual Dysfunction Rehabilitation And Therapeutic Apparatus (Family Version)



## Product Introduction

The male sexual function rehabilitation treatment cycle is long, and a treatment takes about 20 days, which brings double trouble to the patient's time and energy. Therefore, based on the professional treatment equipment in the hospital, Sanwe Medical successfully developed the MAPTAG family version of male rehabilitation therapy devices, which can make the patients enjoy safe and effective professional treatment more economically and conveniently, and achieve the best clinical therapeutic effect.

## Advantages

- 1) Technical design, not only has the hospital equipment treatment function, but also has humanized care.
- 2) Tesla battery technology, with super long-endurance, permutation and combination technology, super safe
- 3) Wireless power, unlimited, enjoy it anytime, anywhere
- 4) The high-end design of volcanic force comes from China's top industrial designers

## Application

ED, PE treatment and rehabilitation training  
 Short penis and occult penis  
 Male sexual ability improvement and sexual stress relief

## Product specification

<b><i>Product Name</i></b>	Male Sexual Dysfunction Rehabilitation and Therapeutic Apparatus	<b><i>Product Model</i></b>	SW-3502
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<i>Host Voltage</i>	DC24V	<i>Material</i>	ABC & PC
<i>Charger input voltage</i>	AC220V 50HZ	<i>size &amp; diameter</i>	26cm*29.6cm
<i>Charger output voltage</i>	DC25.2V 500mA	<i>Weight</i>	2.76Kg
<i>Power</i>	20W	<i>Battery</i>	lithium battery DC24V (Max Capacity 2500mAH)

## Working Principle

### 1. Low Frequency Electric Pulse Stimulation:

Dilate blood vessels, improve blood supply, ablate atherosclerosis, lower cholesterol and triglyceride levels, promote thrombolysis; activate neuronal cells, enhance mitochondrial aerobic oxidation, and increase biological enzyme activity.

### 2. Vacuum Negative Pressure Suction

The negative pressure suction device acts on the male external reproductive organs, promotes the dilatation of the penile blood vessels, activates the blood circulation of the organs, and promotes the congestion of the corpus cavernosum. Regular use can change the physiological and biochemical functions of the penile vascular endothelial cells and affect the expression of cytokines and vasoactive activities of endothelial cells. Factor that induces endothelial cells to produce NO, thereby improving erectile dysfunction.

The advantages of vacuum negative pressure suction therapy for erectile dysfunction include:

- 1) Functional impotence, organic impotence, mixed impotence, libido, premature ejaculation, penile shortness, adolescent sexual development retardation and middle-aged and elderly performance disorders have curative effects.
- 2) Non-invasive treatment, no damage to the patient
- 3) Relatively reduced complications
- 4) No limit on the number of uses

### 3. Pneumatic Massage

Through the alternating action of the vacuum negative pressure attraction, the blood repeatedly irritates in the penile artery and the cavernous body, and the capillary permeability in the cavernous body is enhanced, the cell tolerance is increased, the dormant cells are activated, the damaged or occluded blood vessels in the penis are repaired and unblocked.

### 4. Strong water flow stimulation

Under the action of vacuum negative pressure attraction, the strong water flow repeatedly rubs against the glans of the penis to reduce the excitability of the nerve endings, passivate the glans of the penis, the coronary sulcus, the surface nerve of the penis, and regulate the nerve center to reduce Sexual nerve sensitivity, improve the ejaculation threshold, to achieve the purpose of treating premature ejaculation.

### 5. Water Massage

The automatic liquid injection system facilitates the patient to achieve hydrodynamic massage, and the water repeatedly massages the penis using vacuum negative pressure attraction to strengthen the activity of the epidermal developmental cells of the penis, to achieve the purpose of accelerating functional rehabilitation.



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