

# CATALOGUE

**MEDICAL EQUIPMENT**

**Gynecologist and  
Andrology Equipment**



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PMC Trading Medical Supplies primarily targets the need for Medical Equipment and supplies. Our goal is, to be affordable whilst still offering Service Excellence and Quality Products, as it is our desire to assist our Customers and the final end User to the best of our ability. It is our goal to be a solid, reliable and dependable player in the Medical Supplies arena in order to foster healthy relationships with our Customers, hereby encouraging loyalty and longevity for all players concerned.

We have been successful in building a brand of service excellence and quality equipment amongst our clients, and the loyalty of our clients keep us motivated to keep growing and improving our presence and product offering.

We research the most up to date medical innovation in hospital furniture and medical capital equipment, to bring our clients the latest and best solution and long-term investment in their hospital or clinic.

## About PMC Medical Equipment

PCM trading is a proudly South African company focusing on the sales and distribution of Medical Equipment. The business was built on medical expertise, excellent client service and the pursuit of medical- and clinical innovation.

## About PMC Medical Equipment Supplies

In our efforts to achieve this we further endeavor to make our working environment a pleasant. Our team is driven as one unity and can only strengthen PCM Medical Supplies. We have a range of clinical equipment which we supply in around the country. We make all efforts to source additional, quality products and in so doing we do look to source locally wherever possible. If the required product is not available locally, we will import, as is necessary, in order to meet our Customer's needs.



# Ozone therapy instrument

## Ozone therapy instrument for gynecology cervical erosion and vaginitis



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18028

## Product Description

<b>Place Of Origin:</b>	Guangdong, China	<b>Properties:</b>	Obstetrics & Gynecology Equipment
<b>Type:</b>	Gynecological Ozone Therapy Equipment	<b>Brand Name:</b>	GOLGATHA
<b>Packaging Details:</b>	Carrying Case/carton	<b>Certifications:</b>	CE / ISO
<b>High Light:</b>	<b>Gynecological instruments, video endoscopy system</b>		

1. The use of advanced technology to produce instant high concentration ozone gas, ozone, ozone fog;
2. Ozone water and ozone fog treatment of gynecological inflammation of the method compared with the traditional treatment more effective and fast;
3. The use of advanced intelligent control panel, display a more beautiful, more convenient operation;
4. Adopting the anti-interference and automatic thermostat technology, maintained the irrigation fluid temperature, lets the patient in the treatment process more comfortable;

5. With ozone water and ozone fog two modes to choose from, to flush and therapeutic effect;
6. Can directly use tap water, purified water, preparing medicine treatment,
7. With ozone disinfection function.
8. Wide bactericidal spectrum, thorough treatment, ozone can kill the female vagina all kinds of harmful pathogens, when all full contact lesions, do not stay dead, thorough treatment, administer thoroughly, has bactericidal, anti-inflammatory, pain relief function, in the treatment of cervicitis meanwhile. Attendant of the other reproductive tract inflammation can be cured.
9. No trauma, no pain, treatment head design fully into account the female physiological characteristics, treatment process without trauma, no pain, no bleeding; no scar after healing, especially suitable for nulliparous women.
10. With repair function, ozone and active component can increase the cell viability, accelerate wound healing, shorten repair period.

**Scope of applications:**

The product is suitable for the common clinical treatments, including:

1. Maternal prolactin.
2. Less milk-secretion.
3. Ductal barrier of mammary gland.
4. Accelerate the postpartum urination.
5. Treatment of uterine involution.
6. Postpartum recovery.
7. Ozonator therapy equipment

Adjustable scope of output strength	1~250 levels, voltage increases/decreases in their turns
Time-settings	Can be settled Respectively
Ways of treatment	Multiple
Fundamental frequency	833Hz, Pulse Width:0.4ms



# Movable cervix repair therapeutic

Small animal orthopedic surgical instruments double joint bone scissors



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18027

## Product Description

<b>Origin:</b>	China Guangdong	<b>Color:</b>	White Blue Pink Black
<b>Brand Name:</b>	GOLGATHA	<b>Specification:</b>	CE/ ISO
<b>Packaging Details:</b>	Carrying Case/carton	<b>Type:</b>	Gynecological
<b>High Light:</b>	Gynecological instruments, video endoscopy system		

## Cervix Repair Therapeutic Apparatus



# Sperm analyzer with wheels

Professional sperm quality analysis system / sperm analyzer with wheels



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18026

## Product Description

<b>Type:</b>	The Basis Of Surgical Instruments	<b>Packing Material:</b>	Wooden Case
<b>Function:</b>	Titanium Alloy Stainless Steel	<b>Specification:</b>	CE/ ISO
<b>Trademark:</b>	Golgotha	<b>Origin:</b>	China Guangdong
<b>High Light:</b>	Gynecological instruments, video endoscopy system		

### Features:

Computer Assisted Semen Analysis (CASA) is magnifies semen samples through microscope, then puts the microscope image into computer through electronic picture pick-up system, and after that carries out detection and analysis of automatic quality-and-quality-determination of the sperm density, activity, motility rate, and characteristics of movement locus.

This system is especially applicable for clinical semen detection and can highly increase the standard of clinical detection. It can be widely used in urological department, and riatics, department of obstetrics and gynecology (test tube baby), birth control and the research of healthy birth and sound care. It can also be applied in some specialized fields, such as biologic research institute, research institute of endangered animal and rare animal, research institute of artificial propagation of livestock, and artificial

insemination station, etc. compare with the tradition methods of analysis, this system has a fast speed, a sound quantification, a high accuracy and an abundant detection parameter data, therefore it can provide objective detection foundation for clinic and scientific research. In addition, it has the features as follow:

Being easily operated, causing little pollution and having a high degree of intelligence, ect.

Main Functions:

Sperm' average speed of curvilinear motion

Sperm' average point-to-point speed

Sperm' average speed of route motion

Velocity distribution of the sperms

Detecting the total number of the sperms

Detecting the total number of motile sperms

Percentage of sperm' density

Fraction surviving of the sperms

Side-sway amplitude of sperms

Sperms' oscillation

Sperms' forwardness

Sperms' linear quality

Whipping frequency of sperms' motion

Sperms' average parallel-motion angle

Number of detected sperms

Percentage of deformity

Listing of the speed of detected sperms

Detecting dilution degree

Detecting viscosity

Being able to objectively display and print primary motion path graph of sperms

Being able to automatically mark out the direction of sperm motion

Being able to independently diagnose and process pathologic images

Smell

Color

PH value

Being able to independently carry out semen analysis of livestock and endangered animal, and artificial insemination.

System configuration:

Computer with 19 Inch LCD display 1set:

CCD camera 1 set:

Microscope Binocular 1 set

Microscope analysis software 1 piece  
Video acquisition card 1 piece  
Color jet printer 1 set  
Medical ABS Trolley 1 set  
Sperm thermostat 1set  
Sperm analysis slide 1set  
User's manual 1 piece



# Knife with wooden handle

## Nontoxic orthopedic surgical instruments operating knife with wooden handle



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18023

## Product Description

<b>Seven Kinds Of Treatment Waveforms:</b>	A, B, C, D, E, F, G	<b>Near Infrared Wavelength:</b>	0.8 Mu M~3 Mu M
<b>Continuous Working Time:</b>	No Less Than 4 Hours	<b>Using Power Supply:</b>	220V + 22V 50HZ + 1HZ
<b>Origin:</b>	China Guangdong		
<b>High Light:</b>	<b>Gynecologist medical equipment, gynecological instruments</b>		

This instrument is based on traditional Chinese medicine meridian therapy, traditional treatment and modern treatment. It integrates microcomputer, analog control, infrared photo thermal radiation, electrical pulse stimulation, magnetic therapy and drug iontophoresis. The four mechanisms are combined to interact with each other. The dual control circuit, the independent output channel and the humanized probe design adopt the direct contact with the conductive rubber of human body and use the green materials under the SGS standard. The whole process of nursing the health of human body makes the treatment more comfortable. Among them, the medical desk type is marked with two probes, and the cart is used to mark six probes.

### Scope of application:

The treatment of mastitis, milk pain, mammary cyst and hyperplasia of mammary gland has special effect. At the same time, it has certain therapeutic and preventive effect on mammary

fibroma.

It also plays a significant role in the treatment of women's other breast diseases, lactation and relieving milk stasis. It is also widely used for skin beauty and muscle massage.

It also plays a role in lumbar muscle strain, hemiplegia, nerve paralysis, facial paralysis, and sprain, per arthritis of shoulder, arthritis, and lumbago and leg pain.

### **Basic parameters:**

Seven kinds of treatment waveforms: A, B, C, D, E, F, G

Near infrared intensity: light intensity 0-20 continuous adjustable, default intensity 10

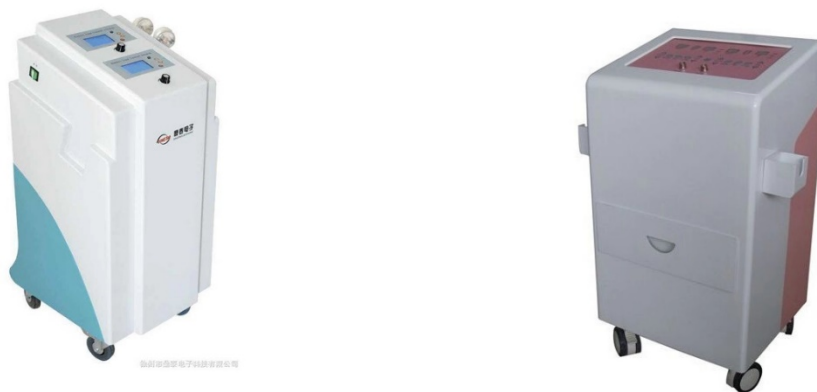
Near infrared wavelength: 0.8  $\mu\text{m}$ ~3  $\mu\text{m}$

Timing time: 0~99 minutes continuously adjustable, the default time is 20 minutes

The power consumption is less than or equal to 45AV + 10%

Continuous working time: no less than 4 hours

Using power supply: 220V + 22V 50HZ + 1HZ



# Postpartum rehabilitation instrument

Postpartum rehabilitation instrument for comprehensive treatment painless



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 8025

## Product Description

<b>Place Of Origin:</b>	Guangdong, China	<b>Property:</b>	Gynecological
<b>Brand Name:</b>	GOLGATHA	<b>Packaging Details:</b>	Wooden Box Package
<b>Model Number:</b>	GGT – 16021	<b>Color:</b>	White And Pink
<b>High Light:</b>	<b>Gynecological instruments, video endoscopy system</b>		

### Unique advantages:

1. No damage, painless, non-polluting.
2. Internal and external synchronous repair, no rebounding, no side effects, ovarian maintenance, resumption of female youth.
3. The world's first, unique technology, extraordinary effect.
4. Can be made the surface skin to be within and the flabby skin to be tighten & smooth without veins for strae gravidrum, fat veins, and tropic.
5. Easy to operate, can be achieve each function when it power on.
6. With a variety of treatment programs.

7. Treatment time can be set at a plurality of time segments.

### **Product Principle**

This instrument is a kind of gynecological treatment based products. By special treatment tablets on specific parts of the body to stimulate the low-frequency pulses, local produce physical effects on the human body, regulating the human body environment, so as to clear the breast duct, to promote milk secretion, accelerate the recovery of the uterus, postpartum promote urination, relieve postpartum pain, accelerate wound healing , and other clinical outcomes.

### **The scope of products**

Obstetrics maternal prolactin conventional treatment, less milk secretion, breast duct barrier, promote urination postpartum uterine involution treatment, postpartum recovery, clinical treatment.



# Neonatal transport incubator

Hospital newborn infant incubator with wheels, neonatal transport incubator



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18011

## Product Description

<b>Type:</b>	Care Bed	<b>Service:</b>	After-Sale Service
<b>Power Supply:</b>	AC110/220V 60/50Hz	<b>Temperature Fluctuation:</b>	±0.5°C
<b>Scale:</b>	Medium	<b>Air Filter:</b>	0.5µm
<b>High Light:</b>	<b>Gynecological instruments, video endoscopy system</b>		

## Features

### Updated Functions

1. Aluminum Magnesium Alloy.
2. Tray for other monitor.
3. Controller remove easily.
4. RS232 connector.
5. Oxygen inlet.
6. Side protector rail for infant hood..

7. Four drawers

## Specification

1. Microprocessor based servo controlled temperature system.
2. Control modes: Air mode and baby skin mode.
3. Humidity is adjustable continuously.
4. Set temperature, air temperature, baby skin temperature, timer and heating power are displayed separately by LED.
5. Self – testing function, various failure alarms by audible and visual.
6.  $>37^{\circ}\text{C}$  temperature set function.
7. Triple protection for over temperature with separate cut off device, more safety system.
8. The inclination of infant bed is adjustable.
9. Single wall hood, 4 operating windows and 2 iris ports.
10. Independent locking device for front door.
11. Cabinet with four drawers.

## Optional Functions

1. X ray cassette Tray;
2. Baby weight system ;
3. Electric height adjustable ;
4. LED phototherapy unit BT-BL30LED BT-BL100LED;
5. Air and oxygen blender;
6. Double wall hood.



# Vertical infrared therapy machine

Vertical infrared therapy machine for gyno disease, gynecologist medical equipment



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18031

## Product Description

<b>Type</b>	Doppler Ultrasound Equipment	<b>Place Of Origin</b>	Guangdong, China
<b>Specification</b>	CE/ ISO	<b>Treatment Time</b>	0 ~ 9min59s Adjustable
<b>Classification</b>	Gynecology & Obstetrics Device	<b>Radiation Power</b>	1W ~ 20W Adjustable
<b>High Light:</b>	<b>Gynecologist medical equipment, video endoscopy system</b>		

### Brief Description:

This type gynecological infrared treatment instrument is a latest product combining the electronic technology with the infrared light technology in the clinical application. It utilizes infrared light and heat radiation effect, which causes the diseased tissue cells protein coagulation, necrosis, loss, then fall off and to be replaced by the new tissues. As the treatment does not touch the body, which avoids cross-infection, safe and effective; smooth treatment surface, and recovery time shortened.

## Features:

1. Portable, treatment and physical therapy integrated design, easy to operate.
2. Seven treatment modes for doctors to operate, and easy clinical use.
3. Universal-type therapy probe, big care area, effective physical therapy, flexible operation.
4. Micro air-cooled heat, no noise, to ensure continuous treatment.
5. Automatic alarm, and error alarm.
6. Two light sources: exploration light and treatment light.

## Technical Parameters

Infrared Wavelength	0.4 ~ 3 $\mu$ m,
Radiation power	1W ~ 20W adjustable,
Spot diameter	$\leq$ 12mm,
Treatment time	0 ~ 9min59s adjustable.
Origin places	Chengdu, China
Delivery	5-7 Days
Product Color	Pink
Model Number	Ysd3009b
Certificate	Ce/ISO/FDA
Treatment Time	0 ~ 9min59s Adjustable
Spot Diameter	$\leq$ 12mm
Radiation Power	1W ~ 20W Adjustable
Infrared Wavelength	0.4 ~ 3 $\mu$ m

## Indications:

Various gynecological inflammation, such as Adenoiditis, Vaginitis, Cervicitis, Pelvic Inflammatory disease etc.



# Vertical red light therapy machine

Vertical red light therapy machine for pelvic inflammatory disease therapeutic



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18019

## Product Description

<b>Function</b>	Diminish Inflammation	<b>Certification</b>	CE And ISO
<b>Group</b>	Adult	<b>Theory</b>	Red Light & Ozone
<b>Trademark</b>	Golgotha	<b>Origin</b>	China Guangdong
<b>High Light:</b>	<b>Gynecologist medical equipment, gynecological instruments</b>		

### Application Ranges

Mild cervical erosion  
Mild non-specific vaginitis

### Treatment Principle

Red light irradiation combined with Ozone

Red light irradiation treatment: wavelength ranges from 600nm to 700nm with broad spectrum bactericidal effect, enhance the metabolism of body cells, promote the healing of wounds and ulcers, and accelerate the damaged nerve regeneration.

Ozone function: destroy germs, microbes with the oxidation, membrane structure of the bacterial cell, dissolving bacteria and completely kill the bacteria.

## Treatment effect

With 90%-95% curative effect

Treatment course: 5 days one treatment course.

Common vaginitis: Usually 2 courses of treatment (fungal vaginitis, trichomonas vaginitis, etc.)

Cervical erosion: Usually about 3-4 courses, severe cervical erosion based on the individual health status.

Cervicitis, pelvic inflammatory disease: Usually 3-5 courses.

## Product Features

1. Gynecology red light therapy device applies the dissolving agent for the ozone disinfection.
2. There are no residue or consumable items.
3. The environmental product requires low cost.
4. The patent numbers are 201020224499.1 and 201030202486.x.



# Digital electronic colposcopy

## Digital electronic colposcopy for gynecological and obstetrics purposes



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT- 18016

## Product Description

### Digital electronic colposcopy for gynecological and obstetrics purposes

1. Image Sensor: 1/4' Super Had CCD.
2. Imaging Pixels: 800,000 Pixels.
3. Scanner System: NTSC (525)30frame/sec PAL (625)25frame/sec.
4. Level Clarity: 480 TV.
5. Self-automatic focus working distance: 200mm~300mm.
6. Electronic Control: 1/50~1/10000.
7.  $\gamma$  : 0.45.
8. Camera: 18 Times Optics zoom lens can enlarge 12 Times of the Image.
9. Viewing Angle: 48° (WIDE)-2.7° (TELE).
10. Illumination Intensity (mix):1.0Lux.
11. Zooming speed: 3 SEC mode/6 SEC mode.
12. The standard of Video Out: 1VP-P75 $\Omega$ mixed.
13. Back Lighting Compensation: Open/Close.
14. EV Compensation:-10.5DB – 10.5DB.
15. Range of view:  $\Phi$ 10mm ~ 60mm.
16. The depth range for camera: 5mm~120mm.
17. Self-automatic adjustment for balances.
18. The life of light source  $\geq$ 50000 hours, light illumination $\geq$ 2000Lux
19. 3-stage electronic green filter technology controlled by key.

20. Timing control technology of acetic acid or iodine staining test reflect controlled by key (Record is displayed in image), which need to provide graphic and text report sample.
21. Check the display of image magnification times and provide graphic and text report sample.
22. Image zoom, white, green, time, freezing and other functions are integrated into the palm-type control system. The real palm-type control.



# Mobile hospital infant radiant warmer

## Mobile hospital infant radiant warmer with alarm function for neonatal treatment



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18012

## Product Description

<b>Place Of Origin</b>	Guangdong, China	<b>Power Input:</b>	GOLGATHA
<b>Brand Name</b>	Autonola	<b>Product Name</b>	China Made Infant Radiant Warmer
<b>Ambient Temperature</b>	18°C~30°C	<b>Power Supply</b>	AC110/220V, 60/50Hz
<b>Type:</b>	<b>Gynecological instruments, video endoscopy system</b>		

### Brief introduction

- A. Temperature displayed by LED.
- B. Alarm functions: Power failure, temperature deviation, temperature sensor failure, over temperature.
- C. Microprocessor based servo controlled temperature system.
- D. Skin temperature sensor failure.
- E. A second thermal cut-out function for more safety.
- F. Adopts anti-explosion micro crystal quartz infrared radiation tube.
- G. Four transparent protector board.

## Safety control systems

1. Adopts anti-explosion micro crystal quartz infrared radiation tube for its radiation source, the heating is quick and life-span is long.
2. Alarm functions for safety includes: Power failure, temperature deviation, temperature sensor failure, over temperature.
3. Temperature deviation can be amended in front panel directly.
4. A second thermal cut-out function for more safety.
5. Skin temperature sensor fall protect function avoid over temperature.



# Radio frequency therapy machine

Vertical radio frequency therapy machine used for gynecology high performance



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18029

## Product Description

<b>Origin</b>	China Guangdong	<b>Trademark</b>	Golgatha
<b>Certification</b>	CE And ISO	<b>This Power</b>	$P \leq 60W$ $I < 2A$
<b>This Frequency</b>	600KHz + 15%	<b>This Weight</b>	10kg
<b>High Light</b>	<b>Orthopedic medical equipment, orthopedic surgery supplies</b>		

### Composition and configuration:

Host, treatment handle, foot switch, metal muscle plate and muscle plate. 6 standard treatment head, special treatment head box, special instrument trolley.

#### **A. New generation of full digital radiofrequency knife treatment instrument.**

With full intelligent control, the precision output is not attenuated. A number of patents, the treatment handle can be completely soaked and sterilized

#### **B. Working principle**

The use of advanced special microcomputer and electronic sensing technology in ultrasound dynamic observation and under the guidance of the unique frequency source through special radiofrequency treatment, through the vagina, cervix natural cavity, accurate fixed-point in the lesion, the automatic and accurate control of the power, treatment time and treatment in the range, no damage to normal organization, the organization of water molecules to produce cell molecular motion of high speed, high molecular motion generates heat at low temperatures so that the tumor tissue protein coagulation, thrombosis, vascular occlusion, degeneration and necrosis, the lesions of endometrial tissue to normal tissue ablation, lesions were absorbed or expelled.

### **C. Scope of application**

- It is mainly used for the treatment of benign gynecologic diseases.
- After the uterine muscle tumor (gland).
- This dysfunctional uterine bleeding (DUB).
- After the uterine muscle adenoids.
- After the cervical erosion.
- I pointed condyloma.

### **D. Product advantage**

- After the digital processing system, ensure accurate RF output.
- This advanced intelligent control system, modular design, and easy maintenance.
- This unique intelligent self-diagnosis system, guarantee stable performance.
- No unified testing standards, for clinical medical research.
- Adopt double mode control, meets the operation habits of doctors.
- When no radiation, no adhesion, no carbonization, safe and reliable.
- Adopt high brightness liquid crystal display, fashion design.

### **E. And technical features**

- After the preservation of the uterus, protect women's reproductive health.
- It has definite curative effect, can be observed directly by ultrasound.
- After the minimally invasive treatment, no damage to normal tissue.
- You do not need anesthesia, less pain treatment.
- This treatment quickly, without hospitalization.
- This low cost of treatment.

- When treating physicians, physical exertion, psychological pressure.

## F. Performance indicators

- After the power supply: 220V + 10% 50Hz + 2%.
- This power:  $P = 60W$   $I < 2A$ .
- This frequency: 600 KHz + 15%.
- The treatment head temperature: 60-80 degrees when you work.
- When the environment temperature of 5-35 DEG C: relative humidity is less than 80%.
- This size: 420mm \* 380mm \* 130mm.
- This weight: 10kg



# Neonatal monitoring equipment for patient

## Infrared desktop breasts diagnostic instrument with two screen display



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18024

## Product Description

<b>Type</b>	Clinical Examination Aids	<b>Place Of Origin</b>	Guangdong, China
<b>Usage</b>	Gynecological Examination	<b>Input</b>	≤300VA
<b>Power Supply</b>	AC220V±22V, 50Hz±1Hz	<b>Max Power Output</b>	0.2~1W
<b>High Light</b>	<b>Gynecologist medical equipment, video endoscopy system</b>		

### Features

1. Infrared mammary diagnostic instrument is mainly used to detect various diseases of woman's mammary gland, near infrared of 0.8~1.5μm wavelength is used to radiate the breast, via professional infrared CCD camera to take photos showing different lesions on the screen, which can provide accurate basis for diagnosis of various mammary gland diseases especially for mammary cancer detecting in its very early stages. This instrument is suit to different medical units and birth control system.
2. Mainstream computer, color LCD, WindowsXP system, and Chinese menu.
3. 50 images dynamic browsing, on screen two and four images comparison, the images are fine and smooth which can detect small lesions.

4. Medical record management function is powerful, saved medical record can be previewed anytime, with fast medical record inquiry and statistics function.
5. The images can be magnified, strengthened, curved treated, gray magnified, color treated etc.
6. Various record printing modes, clear image-text diagnosis report can be printed out and easy to store.
7. Black & white type-B ultrasonic and X-ray machine can be connected for pseudo-color treatment.
8. Computer aided analysis and images store.
9. The products meet related requestments of IEC60601-1, IEC60601-1-2.

### Technical Specs

Power supply	AC220V $\pm$ 22V, 50Hz $\pm$ 1Hz
Input	$\leq$ 300VA
Valid spectral wavelength range of probe	800nm~1500nm
Max power output	0.2~1W
System image resolution	0.2~1W
Probe output light beam illumination	$\geq$ 480TVL
Focus mode	Varifocal lens
Video signal output range VP—P	IV
Resistance	75 $\Omega$
Format	PAL, NTSC



# Medical bohm light therapy device

Hospital medical bohm light therapy device for gynecologist and andrology



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18022

## Product Description

<b>The Spectral Wavelength</b>	550nm ~ 3000Nm	<b>The Maximum Rated Output Power</b>	7W + 1.5W
<b>Origin</b>	China Guangdong	<b>The Light Source</b>	15V, 150W Tungsten Halogen Lamp
<b>The Light Output Aperture</b>	9mm + 1mm		
<b>High Light:</b>	<b>Gynecologist medical equipment, video endoscopy system</b>		

### Although Function

Although using the cervical normal tissue lesions and for specific wavelength selective absorption characteristics, although radiation photothermic effect to the local lesion, the protein coagulation degeneration and necrosis, finally shedding, promote the growth of new squamous epithelial cells, to cover the surface of the cervix, to achieve the purpose of cure.

### **Clinical application:**

The treatment for mild cervical erosion, moderate cervical erosion and severe cervical erosion

The diagnostic criteria of diagnosis of cervical erosion in the Yue Jie edited the sixth edition of "obstetrics and Gynecology"

### **Technical parameters:**

- The infrared wavelength: 0.8 m ~ 3 M.
- The maximum rated output power: 11W + 2W.
- The light output aperture 9mm + 1mm.
- The light source: 15V, 150W tungsten halogen lamp

### **Treatment characteristics:**

- The non-contact treatment, no cross infection.
- The rapid treatment time, intraoperative bleeding, no pain, no smoke, no smell.
- The short course of treatment, low cost, no scar after healing, restore good elasticity.
- The IUD does not influence them, and does not affect the postoperative delivery.
- The operation is simple and convenient, the medical staff by simple training to master.

### **Introduction of treatment program:**

- The 2% Bromogeramine solution and routine disinfection of vulvar and vaginal.
- The wearing sterile gloves, sterile vagina dilator, fully exposed the cervical erosion surface, with 2% Bromogeramine disinfection cotton again the cervix, cervical erosion surface with dry cotton to wipe clean.
- The head will pome treatment with alcohol cotton ball after disinfection, alignment of cervical lesion, probe from cervical around 0.5cm, in a clockwise direction by vertical irradiation, pay attention not to damage the vaginal wall, the erosion surface over a range of 0.1 ~ 0.2cm, surface treatment irradiation should be uniform irradiation time depending on the lesion range and depth of flexibility, so that the local into a gray or yellowish can stop radiation, prohibit browned, so as to avoid the postoperative bleeding..

- If there is bleeding exudate, can be sterilized dry cotton ball to stop bleeding, wipe the exudate.
- The operation will complete the pome treatment head gently withdrawn, and then apply a small amount of surface treatment of crystal violet solution or a small amount of francolin powder, slowly remove the vagina dilator, avoid contact surface burning.
- The postoperative note: the prescription of antibiotics for 1 weeks; the prohibition of sexual intercourse and bath for 2 months; and 1 weeks after operation, vaginal watery secretion education, individual patients 2~3 weeks a few pus bloody secretions, generally not more than the amount of menstruation, the appropriate use of hemostatic drugs more bleeding; 2 months after the surgery, menstruation clean 3~7 days after the routine examination, to observe the wound healing at the same time, should pay attention to whether the cervical canal stenosis, if not healed up as do spot treatment.

## **2 editors of red light**

### **Treatment mechanism:**

The use of red light on the human body (penetrability of the penetration depth is more than 30mm) optical effect and red band (refers to the red light irradiation, the catalase activity of mitochondria increased, enhanced cell The new supersedes the old. and protein synthesis, promote blood circulation, control infection, increase the phagocytic function of white blood cells and macrophages in promoting granulation tissue the wound regeneration and repair) achieve anti-inflammatory, analgesic, DE tumescence, promote the growth of granulation tissue, shorten wound healing time.

### **Clinical application:**

It is suitable for the treatment of chronic pelvic inflammation, vaginitis, anti-inflammatory, analgesic and swelling, and promote the healing of wounds and ulcers.

### **Technical parameters:**

- The spectral wavelength: 550nm ~ 3000Nm.
- The maximum rated output power: 7W + 1.5W.
- The red light irradiation temperature: 15 cm away from the lesion, the temperature should be less than 50 DEG C.
- The light source: 150W PHILIPS special red light therapy lamp.

### Treatment characteristics:

- The non-contact treatment, no cross infection.
- Green therapy without toxic side effects, damage on the.
- The strong penetration (more than 30mm), and a large number of human body infrared moisture absorption, penetration is about 1mm.
- The spot dose range, optical power strong, very conducive to disease and large area bedsore, ulcer treatment.

### Treatment mechanism:

- Adopts thermotherapy, electrotherapy, magnetotherapy, vibration massage four different physical therapy, combined with rectal administration of comprehensive treatment of pelvic inflammation, vaginitis disease.
- The electric field electrotherapy: form two electrode cavity and abdominal electrode conductive silicone electrode, by electrical stimulation to improve local blood circulation, enhance the blood and lymph circulation, reduce interstitial exudation, reduce inflammatory substances stimulation, remission and treatment of pelvic inflammation
- The thermal effect of hyperthermia: cavity electrode, temperature controlled at 37~46 DEG C, under the influence of thermal effect, tissue expansion of blood vessels, blood flow and tissue fluid enhanced enzyme activity, so as to promote metabolism.
- The magnetic pulse magnetic field induced current can change the cell membrane potential in human cells, causing membrane depolarization, thereby enhancing tissue cell permeability, is conducive to the effective absorption of local inflammatory tissue of hematoma, edema exudation.
- The vibration massage: intracavitary electrode vibration massage, the pelvic floor muscles and ligaments spasm eased, increase blood supply, is conducive to tissue adhesion lysis. At the same time, vibration massage can be reduced.



# Medical electrosurgical unit

## Medical electrosurgical unit, gynecological LEEP equipment with wheels



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18020

## Product Description

<b>Properties</b>	The Basis Of Surgical Instruments	<b>Relative Humidity</b>	≤80
<b>Place Of Origin</b>	Guangdong, China	<b>Ambient Temperature Range</b>	5~ 40
<b>Power Supply</b>	220V ± 22V, 50Hz ± 1	<b>Type</b>	Knife
<b>High Light</b>	<b>Gynecologist medical equipment, gynecological instruments</b>		

Loop electrosurgical excision procedure (LEEP) is used to treat abnormal cells found on the surface of the cervix. During the procedure, the abnormal cells are removed to prevent development of cervical cancer.

Wire loops attached to an electrosurgical generator cut away the affected tissue, causing the cells to heat and burst. The tissue removed is sent to a lab for further evaluation, including ensuring that the abnormal area has been fully removed. An assessment as to the cause of the growth of abnormal tissue will also be done. The LEEP procedure takes 20-30 minutes and can be performed in the office. A local anesthetic is administered to minimize pain.

Output Power: 200W

output modes:

1) cutting (pure cut), 2) mixed cut 1, 3) coagulation 1, 4) coagulation 2

memory function

has a neutral electrode contact quality detection circuit that detects the contact area of the plate

high-definition large digital display

host has automated monitoring and error functions

Device their type: CF Type

### **Technical parameters:**

1. Ambient temperature range: 5°C ~ 40 °C.
2. Relative humidity: ≤80.
3. Atmospheric pressure range: 86.0 ~ 106.0kpa.
4. Power supply: 220V ± 22V, 50Hz ± 1.
5. The operating frequency: 360 ~ 460 kHz.
6. The rated power: 880VA ± 10%.
7. The device of the type: CF Type

### **Rated output power:**

- a) Cut: 1W ~ 200W (Load 500Ω).
- b) Mixed cut 1: 1W ~ 150W (Load 500Ω).
- c) Electrocoagulation 1: 1W ~ 100W (Load 500Ω).
- d) Coagulation 2: 1W ~ 80W (load 500Ω)

Total power consumption: ≤1000VA. (Cutting function 200W).

### **Technical Specifications:**

Working noise: Max.72db

Maximum flow: 80 L / min (φ6mm silicone tube) or 150 L / min (φ22mm bellows)

Work: continuous work style

Operation Control: Knob control

## Surgical characteristics:

1. Dedicated to gynecology uterine lesions ring cleavage (LEEP) technique to improve surgical accuracy, controllability, safety.
2. Can be applied to deal with various gynecological diseases (cervical erosion, bleeding, cauliflower, cut polyps, carry out surgery with laparoscopic) surgery to improve the efficiency and simplify surgical procedures and reduce operation costs and improve surgical safety.
3. A variety of head shapes for conization and vulva treatment, no charring, does not affect the pathological.
4. Spherical electrode can do to stop bleeding purposes, not coke vessels, does not damage nearby tissue, faster recovery after surgery.
5. Needle-shaped electrode can be used for fine cutting operation.
6. Electrodes have different thickness different gynecological circumcision surgery.



# Mammary gland infrared inspection

Mammary gland infrared inspection equipment, Mammography equipment trolley type



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18020

## Product Description

<b>Place Of Origin</b>	Guangdong, China	<b>Certificate</b>	CE ISO
<b>Display</b>	High-definition ,19-inch LCD Color D	<b>Warranty</b>	18 month
<b>Software</b>	Yes	<b>Type</b>	RF Therapy Equipment
<b>High Light:</b>	<b>Gynecologist medical equipment, gynecological instruments</b>		

## Introduction

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

## **Application Scope**

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 absorbs infrared radiation by clear selection, 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 tumor is malignant or benign and detect proliferative, inflammatory and cystic lesions. It has great value for filtering breast cancer, survey of health women.

## **Features**

1. Quartz handle can step less adjust, convenient to use, low heart ,can used continually for a long time.
2. High-definition, 19-inch LCD, real-time dynamic color display.
3. Imported high-resolution, low-light CCD camera.
4. Using the latest version of the image processing software, perfect visibility, and high sensitivity.
5. Perfect function of color image processing and case files editing.

## **Technical Parameter**

SONY camera Resolution: 600TVL: Gray scale 256levels. Quality of picture catcher: 1024\*768 Images storage: 800.000frames. Lamp house: maximum illumination of 1 X 105 LUX, continuously adjustable Continuous working time: 24 hours.

## **Software Features**

1. Dynamic video recording without time limit and storage system.
2. Possessing images of real-time, freezing, collecting, processing, pseudo-color, measuring, comparison, storage, editing and other functions.
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 part map, a typical case images and diagnostic results to help doctors quickly and ac accurately diagnose the illness.
7. More than 300.000 cases storage capacity Connected with HIS to transmit patients.
8. Information via the Internet.



# Visual flow endoscopic camera system

## Visual flow endoscopic camera system, endoscopy trolley equipment



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18018

## Product Description

<b>Origin</b>	China Guangdong	<b>Trademark</b>	Golgotha
<b>Certifications</b>	CE / ISO	<b>Type</b>	Obstetrics & Gynecology Equipment
<b>Packaging Details</b>	Carrying Case/carton	<b>Color</b>	White
<b>High Light:</b>	<b>Gynecologist medical equipment, gynecological instruments</b>		

The doctor at the time of surgery by high resolution display intuitive to see the internal uterine cavity tissue, for attachment to the uterine wall on the gestational sac and stripping tissue in the visual condition, which attract more accurate, and there is no need for large area dilatation and curettage, the entire operation process becomes more efficient. This technique solves the traditional operation of blind scraping of the uterine cavity by the experience of the surgeon and the feeling of hand. Compared with other visual people, endoscopy of the endoscopy visual human flow system can reproduce the real gestation tissue and observe the gestation sac clearly and clearly. The system has the advantages of precise location, minimally invasive, safe and efficient operation, less damage to the uterus, reduction of operative complications, and reduction of operative accidents, especially for early pregnancy.

The second generation of visual flow mirror used in the latest is the first generation of visual flow mirror more reasonable structure, simple operation, clear image, and without a transparent casing, casing is made of transparent plastics because of influence of endoscope clarity, diameter is too large not waterproof, anti-blood effect, pipe diameter is too small is not easy to

set the mirror the doctor, complex procedures, and enlargement of outer diameter, into the uterine cavity through the palace mouth diameter increase the pain of the patient, based on the above problems, the company has been improved from the original material and image structure, to use transparent casing can clearly find the gestational sac, simplify the operation process of the doctor, from the economy to avoid unnecessary waste.

### **Main configuration editor**

Endoscope, belt lens sheath, xenon lamp cold light source, imported camera, color printer, high-grade computer, color display,

### **Functional feature editing**

I have video and digital dynamic movie playback you can quickly register records of printing. This fast and high quality dynamic true color image acquisition. This is a dynamic picture library, rolling browse playback. This digital storage case. Case statistics and query functions — fast and convenient. It has a variety of print report



# Gynecology examination video endoscopy system

Gynecology examination video endoscopy system movable full high definition



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18017

## Product Description

<b>Properties</b>	Obstetrics & Gynecology Equipment	<b>Camera</b>	1/2.8CMOS
<b>Type</b>	Endoscopy Camera System	<b>Extinction Speed</b>	<0.1s
<b>Place Of Origin</b>	Guangdong, China	<b>Input Power</b>	80W
<b>High Light:</b>	<b>Gynecological instruments, video endoscopy system</b>		

## Comparison with other products

### Camera

Our product	Other products
Digital signal	Analog signal
Horizontal resolution 1200lines	Horizontal resolution 800lines
Special anti-jamming progressing	Without the function
Automatic fill-in light	Without this feature

## Light source

	Our LED cold light source	Xenon lamp/halogen lamp
Bulb life	40000h	500h (in theory), 400h( in practice)
Color of light	Pure white light	Yellow light
Temperature of case	$\leq 60^{\circ}\text{C}$	Surface will get hotter and hotter with time going on.
Color temperature	$\geq 6500\text{K}$	$< 6000\text{K}$



# Digital optical colposcopy

## Digital optical colposcopy with microscope for gynecology diagnosis



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18014

## Product Description

<b>Properties</b>	Obstetrics & Gynecology Equipment	<b>Type</b>	Digital Optical Colposcopy
<b>Place Of Origin</b>	Guangdong, China	<b>Warranty</b>	18 Months
<b>Certificate</b>	CE	<b>Camera</b>	Famous Brand
<b>High Light</b>	<b>Gynecological instruments, video endoscopy system</b>		

### 1. Apparatus Features

This series Digital Optical Colposcopy 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 colposcopy imaging system. It can

be connected with the PACS to store and transfer the data, sharing the patient's record sources.

## 2. Technical parameters

Portion of the lens: 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.

## 3. Others

Warranty: 18 months

Payment term: T/T in advance

Delivery period: 10 working days after payment



# Mobile infant oxygen chambers

## Hospital medical baby oxygen room, mobile infant oxygen chambers



<b>Place of Origin:</b>	Guangzhou China
<b>Brand Name:</b>	GOLGATHA
<b>Certification:</b>	CE/ISO
<b>Model Number:</b>	GGT – 18013

## Product Description

<b>Properties:</b>	The Basis Of Surgical Instruments	<b>Brand Name:</b>	GOLGATHA
<b>Material:</b>	Titanium Alloy Stainless Steel	<b>Color:</b>	Metal Color
<b>Type:</b>	Orthopedics	<b>Quality:</b>	A+ Grade
<b>High Light:</b>	<b>Orthopedic medical equipment, orthopedic surgery supplies</b>		

### Product performance

1. Number of treatment: 1 people.
2. Working medium: medical oxygen.
3. High working pressure: 0.1MPa (internal pressure can be adjustable within the range of 0 to 0.1 MPa).
4. Plus: decompression rate more than 0.01MPa/min.
5. The cabin noise: less than 65dB (A)

### The main structure and configuration of the product

GGT0.5/1.5 type infant chamber is mainly composed of a transparent organic glass cylinder pressure, tray, control display device, for the oxygen discharge pipeline and other major parts.

Organic glass cylinder diameter pressure are 500mm, organic glass pressure cylinder length is 1500 mm.

GGT0.5/1.5 type infant oxygen main configuration including double pressure gauge, for oxygen flowmeter, safety valve, electronic displays, bio electric socket, two-way intercom, oxygen sensor, oxygen flow meter.

Use 220V + 22V, 50Hz + 1Hz power.

