

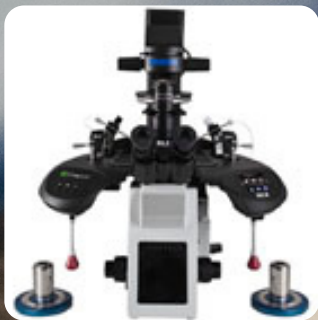
THE COMPLETE HEALTH SOLUTIONS

DEALS WITH ALL  
BRANDED EQUIPMENT  
OF IVF, GYNECOLOGY &  
PHYSIOTHERAPY



# CSSD INDIA

THE COMPLETE HEALTH SOLUTIONS



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# IVF Equipment

## OUR OFFERINGS



### STERILIZE OVEN FOR IVF

- The oven should be capable of reaching and maintaining a high temperature, typically around 180-200 degrees Celsius, for at least 2 hours to effectively sterilize.
- The oven should have good airflow control to ensure that heat is evenly distributed throughout the oven.
- The oven should have a timer so that you can accurately track the duration of the sterilization process.
- The oven should have safety features to prevent overheating or other malfunctions, and should also have a door that seals tightly to prevent contamination.
- The oven should be easy to clean and disinfect between uses to maintain its sterile environment.

### MICROMANIPULATOR FOR IVF

- Micromanipulators have micropipette holders that firmly grip the micropipettes used in the IVF procedure. These holders should be adjustable, allowing the user to position the micropipette precisely.
- Micromanipulators need to have precise control over the movement of the micropipettes to ensure accurate manipulation of gametes and embryos. This control should be smooth and consistent, allowing the user to move the micropipette with precision and ease.
- Micromanipulators should have an integrated magnification system that allows the user to view the gametes and embryos with high precision.
- Micromanipulators should be compatible with a variety of microscopes used in IVF.



### RI WITNESS FOR IVF

- RI Witness uses a highly secure and reliable system to track and identify patients, embryos, eggs, and sperm samples throughout the IVF process. This helps to prevent any mix-ups or errors that could potentially lead to failed procedures or incorrect results.
- RI Witness offers a centralized and secure database that stores all patient data, including medical records, test results, and treatment plans. This makes it easy for IVF professionals to access and update patient information as needed.
- RI Witness is designed to integrate seamlessly with other IVF equipment and software, including microscopes, incubators, and lab equipment. This helps to streamline the IVF process and ensure that all equipment is working together properly.

### UV OVEN FOR IVF

- UV ovens used in IVF labs typically have high-quality UV lamps that are specifically designed for sterilization purposes. These lamps emit ultraviolet radiation at a wavelength of 254 nm, which is highly effective at killing bacteria, viruses, and other microorganisms.
- Most UV ovens used in IVF labs come with an automatic timer that can be set to turn the oven on and off at specific times. This allows lab technicians to set up the sterilization process and leave the oven to do its job without having to constantly monitor it.
- UV ovens used in IVF labs are designed with safety features to prevent accidental exposure to UV radiation. For example, the oven door may be equipped with a safety switch that automatically turns off the UV lamps when the door is opened.





## WARMING BLOCKS /PLATELETS

- Warming blocks for IVF should have precise temperature control, with the ability to warm up samples to a specific temperature within a narrow range. The temperature range may vary depending on the type of sample being warmed, but it typically ranges from 37°C to 42°C.
- The warming blocks should provide uniform heating across all samples, ensuring that each one is warmed to the same temperature.
- The warming blocks should be made from durable and long-lasting materials that can withstand repeated use.
- Warming blocks for IVF should have safety features such as automatic shut-off, over-temperature protection, and other safety mechanisms to prevent overheating or damage to the samples.

## IVF WORKSTATION

- The IVF workstation must be kept completely sterile to prevent contamination. This is achieved by using a laminar flow hood, which delivers filtered air in a specific direction to maintain a sterile environment.
- The workstation must be maintained at a specific temperature range to ensure optimal conditions for embryo development. Most IVF workstations have temperature control systems that can be adjusted to maintain a constant temperature.
- An incubator is used to maintain the embryos at the proper temperature and humidity until they are ready for transfer.



## QC DEVICES FOR IVF

- These are temperature-controlled chambers used to maintain a stable and optimal environment for the development of embryos. They may also include features such as humidity control and gas regulation for carbon dioxide and oxygen levels.
- High-quality microscopes are used to observe and assess the development of embryos and to perform various procedures such as intracytoplasmic sperm injection (ICSI) and assisted hatching.
- Cryopreservation is the process of freezing embryos, eggs, or sperm for future use. Devices used for this purpose include programmable freezers, vitrification devices, and storage tanks.
- Laser systems are used for precision cutting and drilling in various procedures such as biopsy, assisted hatching, and blastocyst dissection.
- This includes devices such as pH meters, osmometers, and thermometers, which are used to monitor and ensure optimal conditions for embryo culture and manipulation.

## FILTERS FOR IVF

- Embryo filters are used during the IVF process to remove any debris or other unwanted materials from the fertilized egg before it is implanted in the uterus. These filters are typically made of fine mesh and help ensure that the embryo is as healthy and free from contaminants as possible.
- Sperm filters are used to remove any impurities or abnormalities from the sperm before they are used to fertilize the egg. These filters help ensure that only the healthiest and most viable sperm are used in the IVF process.
- Culture medium filters are used during the process of growing and developing embryos outside of the body. These filters help ensure that the culture medium is free from contaminants that could harm the developing embryo.
- Air filters are used in the laboratory where the IVF process takes place to ensure that the air is free from pollutants or other harmful particles that could impact the viability of the embryos.





# Gynecology Equipment

## OUR OFFERINGS



### COLPOSCOPY EQUIPMENT

- Most colposcopes have magnifying lenses that allow the physician to see the cervix and surrounding areas in greater detail.
- A colposcope typically has a built-in light source that illuminates the area being examined, making it easier for the physician to see any abnormalities.
- colposcopes have filters that can help highlight specific types of tissue or lesions, making it easier for the physician to identify abnormal areas.
- Colposcopes are designed to be comfortable for both the physician and the patient. They may have adjustable height and tilt, as well as comfortable padding on the support structures.

### DOPPLER FETAL MONITOR

- Doppler fetal monitors are medical devices used to monitor the fetal heartbeat during pregnancy.
- Doppler technology uses sound waves to detect and amplify the fetal heartbeat. The device has a probe that is placed on the mother's abdomen to capture the fetal heartbeat.
- A clear LCD screen displays the fetal heart rate (FHR) and other important information, such as signal strength and battery life.
- The device produces an audible sound of the fetal heartbeat that can be heard through built-in speakers or headphones. This allows the mother and healthcare provider to listen to the fetal heartbeat in real-time.
- Doppler fetal monitors are typically compact and lightweight, making them easy to transport and use in a variety of settings.

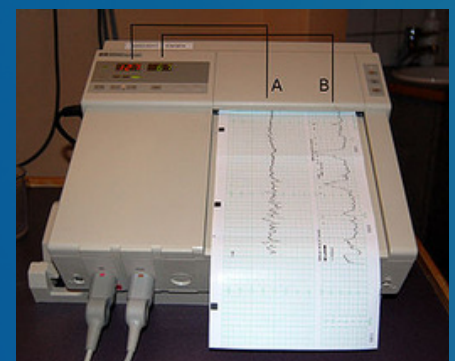


### DILETION & CURETTAGE

- D&C is performed for various reasons, including diagnosing and treating abnormal uterine bleeding, removing remaining tissue after a miscarriage, terminating a pregnancy, or removing polyps or fibroids.
- The procedure can be performed under local or general anesthesia, depending on the individual patient's needs and preferences.
- Prior to the procedure, the patient may be required to undergo certain tests such as a pelvic exam, blood tests, or ultrasound. It is also important to inform the doctor of any medications the patient is taking and any medical conditions they may have.

### CARDIO TOCOGRAPHY

- Cardiotocography (CTG) is a non-invasive monitoring technique used during pregnancy to assess fetal well-being.
- This refers to the number of times the fetal heart beats per minute. It is measured using an ultrasound transducer placed on the mother's abdomen, which records the sound of the fetal heart.
- This refers to the frequency, duration, and strength of the mother's contractions. It is measured using a tocodynamometer, which records changes in pressure on the mother's abdomen.





# Physiotherapy Equipment

## OUR OFFERINGS



### PHYSIOTRACK AC TENS MACHINE

- Physiotrack AC Tens Machine is a device that uses electrical impulses to stimulate nerves and provide pain relief.
- The Physiotrack AC Tens Machine has two separate channels, which means that it can be used to treat two different areas of the body at the same time.
- The intensity of the electrical impulses can be adjusted, so you can customize your treatment to your individual needs.
- The Physiotrack AC Tens Machine has multiple modes that you can choose from, depending on the type of pain you're experiencing. These modes include continuous, modulation, and burst modes.

### SHOULDER WHEEL & T PULLEY PHYSIO

- The shoulder wheel and T pulley are two commonly used physiotherapy devices that can help to improve shoulder mobility and strength
- Consists of a circular wheel with handles on either side that can be rotated using a rope or cord
- Can be used to perform range of motion exercises for the shoulder joint, including external and internal rotation, abduction
- Consists of a pulley system with a handle that can be pulled down or out to perform exercises for the shoulder joint
- Can be used to perform exercises for shoulder flexion, extension, abduction, and adduction
- Helps to improve shoulder strength, stability, and range of motion



### ULTRASOUND DEEP HEAT MACHINE

- An ultrasound deep heat machine is a medical device used for therapeutic purposes. It uses sound waves to produce heat in the body tissues, which can help alleviate pain, reduce muscle spasms, and improve blood circulation.
- The frequency of the ultrasound waves can range from 1 MHz to 3 MHz. A higher frequency is more suitable for treating superficial tissues, while a lower frequency is better for deeper tissues.
- machines may have different modes of operation, such as continuous or pulsed modes. Pulsed mode can be useful for reducing inflammation and swelling.
- The machine may have a built-in timer that can be set to deliver a specific duration of treatment.

### HEAL STRECHER & EXERCISER

- Heal stretcher and exerciser physiotherapy equipment are designed to help individuals recover from injuries and improve their overall physical well-being.
- Most heal stretcher and exerciser physiotherapy equipment come with adjustable resistance levels to help users gradually increase their strength and range of motion.
- These devices can be used to target different muscle groups in the body, including the legs, arms, and core.
- Many heal stretcher and exerciser physiotherapy equipment are designed to be lightweight and compact, making them easy to transport and use at home or on the go.





### SELF ADHESION ELECTRODE PADS

- Self-adhesive electrode pads are commonly used in electrotherapy and muscle stimulation.
- These pads have a sticky surface that adheres to the skin without the need for additional adhesives or tapes.
- Self-adhesive electrode pads can be reused multiple times before they lose their effectiveness. Proper cleaning and storage can extend their lifespan.
- They can be used on different parts of the body, including the arms, legs, back, and neck.
- The pads are designed to be comfortable to wear and not cause any skin irritation.
- The pads are made of a conductive material that allows for the transfer of electrical impulses.
- They are compatible with a range of electrotherapy devices, such as TENS machines, muscle stimulators, and ultrasound machines.

### MANUAL HAND EXERCISE EQUIPMENTS

- The equipment should provide resistance to the hand muscles to improve strength and flexibility. You can choose the level of resistance depending on your fitness level.
- The equipment should be adjustable to fit different hand sizes and to increase or decrease the resistance level.
- The equipment should have comfortable grips to avoid any discomfort or pain while exercising.
- The equipment should be made of high-quality materials that can withstand repeated use and last for a long time.



### CPM MACHINE

- A CPM (continuous passive motion) machine is a medical device used to help patients recover from joint surgery or injury.
- The machine allows the patient to adjust the range of motion for their specific needs. This can be helpful for patients who need to gradually increase their range of motion as they recover.
- The speed of the machine can be adjusted to suit the patient's comfort level and the specific stage of recovery.
- The machine usually has a timer that can be set for a specific duration, allowing the patient to use it for a specific amount of time each day.
- A pause button is often included so that the patient can temporarily stop the machine if needed.
- CPM machines come with attachments that are designed to fit specific joints, such as the knee or shoulder, to provide targeted therapy.

### LEG & CALF MASSAGER

- Leg and calf massagers are designed to help with muscle relaxation, pain relief, and increased blood flow to the lower legs
- Massagers allow you to adjust the intensity of the massage to your preference. This can be helpful if you have sensitive skin or if you need a more intense massage to target deeper muscles.
- Massagers come with heat therapy, which can help to soothe sore muscles and improve circulation.
- Leg and calf massagers should be easy to use, with simple controls that allow you to adjust the massage intensity and mode.
- Leg and calf massagers should be adjustable to fit a range of leg sizes. This can be helpful if you have larger or smaller legs than average.





### MINI CYCLE PEDAL EXERCISER

- A mini cycle pedal exerciser is a compact and portable device designed to help users improve their physical fitness, mobility, and strength.
- The mini cycle pedal exerciser is a compact and lightweight device that can easily fit under a desk or table. It is also portable, so users can take it with them wherever they go.
- Regular use of a mini cycle pedal exerciser can improve cardiovascular health by increasing heart rate and blood flow throughout the body.

### ANKLE EXERCISER MACHINE

- The machine allows for resistance to be adjusted, which is important for progression as the patient's strength improves.
- The machine can be set to limit the range of motion, which can be useful during the early stages of rehabilitation.
- The patient can place their feet on footrests or pedals, which can be adjusted for comfort and stability.
- The machine may have safety features such as emergency stop buttons or automatic shut-off if the patient exceeds a certain resistance level.



### HME LASER THERAPY EQUIPMENT

- Home laser therapy equipment is a type of physiotherapy equipment that uses low-level laser therapy (LLLT) to stimulate healing and reduce pain.
- Home laser therapy equipment is designed to be compact and portable, allowing for easy use in the comfort of your own home.
- LLLT is a non-invasive therapy that does not require any incisions or injections, making it a safe and painless treatment option.

### TRACTION MACHINE FOR BACK PAIN

- Traction machine should have adjustable settings for the amount of force and duration of traction, allowing for customization to suit the patient's needs.
- The machine should have comfortable positioning options, such as adjustable headrests, leg supports, and backrests.
- Safety features such as emergency stop buttons, automatic shut-off, and clear warnings are essential to ensure that the machine can be used safely.
- While price should not be the only factor to consider, a good traction machine should be affordable and provide good value for money.



### VACUUM SILICONE CUPPING EQUIPMENT SET

- The Vacuum Silicone Cupping Equipment Set is a type of physiotherapy equipment designed to provide therapeutic benefits through the use of silicone cups and a vacuum pump.
- The set also comes with a vacuum pump that creates suction by removing air from the cups, causing them to adhere to the skin. The pump has a built-in pressure gauge that allows you to control the suction strength and monitor the pressure.
- Cupping therapy using silicone cups is a non-invasive and painless procedure that does not involve the use of needles or incisions. It is suitable for people who are averse to invasive treatments or have a low pain tolerance.



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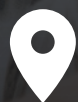
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