





ডাঙ্গা(র্র্য হফটিমান সঠিফ সিদ্ধান্ত আপনার জীবন **বাঁচা(ছ পার্**য়, আবার ভুল সিদ্ধান্ত আপনাকে মার্ছিড দারে।

অ্যাব্রিস্টটন

**धर्माप** रूकि **राद्धारा राह्य करि।** बिहिए (रामिडि शर्व प्रस्थि

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वक्रम **रिकिस्मिकित** प्राचाह भन्दव भगव भाववज्ञानिक **वक्षा कर्या** वक्ष ब्रुष्ट जीवन पान क्या।

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# X-ray Machine

An X-ray machine is a medical device that uses electromagnetic radiation to create images of the inside of the body, allowing doctors to diagnose and monitor various conditions.



# Ultrasonography

An ultrasonography machine, also known as a sonography machine, uses high-frequency sound waves to create images of the inside of the body.



#### **Electronic Surgery Laparoscopy**

An electronic surgery laparoscopy machine, also known as a laparoscopic electrosurgical unit, is used in minimally invasive surgeries to cut and coagulate soft tissues.



#### **Anesthesia**

An anesthesia machine is a medical device used to deliver a precise mixture of gases, including oxygen and anesthetic agents, to patients during surgical procedures, ensuring they remain unconscious and pain-free.



## **OT Table**

An operating table (OT table) is a specialized table used in hospitals and other healthcare settings to support patients during surgical procedures.



## **OT Light**

An OT light, or Operating Theatre light, is a specialized lighting system designed for medical and surgical procedures.





## **Autoclave**

An autoclave is a machine that uses pressurized steam to sterilize items, effectively killing bacteria, viruses, fungi, and spores.



## **Suction Machine**

A suction machine, also known as an aspirator, is a medical device used to remove fluids like mucus, blood, or saliva from a patient's airway or surgical site. It works by creating a vacuum to draw out these substances through a tube or catheter.



## **Diathermy**

A diathermy machine is a medical device that uses high-frequency electromagnetic currents to generate heat in body tissues, typically for therapeutic purposes or during surgical procedures.

## **Analyzer**

An analyzer is a device, instrument, or system that performs analysis, which is the process of examining something in detail to understand its nature, structure, or content.



## Cell Counter

Automated cell counters are an integral tool in bioprocessing and biopharmaceutical manufacturing. Due to stringent regulatory controls on drug manufacturing, automation is key to a robust process.



# **Electrolyte**

Electrolytes are substances that have a natural positive or negative electrical charge when dissolved in water. An adult's body is about 60% water, which means nearly every fluid and cell in your body contains electrolytes.





# **Urine Analyzer**

A urine analyser is a device used in the clinical setting to perform automatic urine testing. The units can detect and quantify a number of analytes.



#### **Lab Rotator**

A lab rotator, also known as a laboratory rotator or tube rotator, is a piece of equipment used in scientific laboratories to mix samples by rotating them at a controlled speed.



## Centrifuge

A centrifuge is a device that uses centrifugal force to subject a specimen to a specified constant force, for example to separate various components of a fluid.

## **Rolar Mixer**

A roller mixer is a laboratory instrument that uses a rotating platform with rollers to gently mix samples in tubes or other containers.



# Microscope

A microscope is a laboratory instrument used to examine objects that are too small to be seen with the naked eye. It works by using lenses to magnify the image of a small object, revealing details not visible to the unaided eye.



#### **ECG 6 Channel**

A 6-channel ECG machine is a diagnostic tool that records the heart's electrical activity using six different leads simultaneously.





#### **Dental Unit**

A dental unit is a comprehensive workstation in a dental clinic that integrates various tools and systems essential for dental procedures, including the patient chair, instrument delivery system, and illumination.



# **Dental X-ray**

Dental X-rays help your dentist diagnose a wide range of oral health issues. Dental X-rays show: Cavities, especially small areas of decay between teeth.



## **Baby Incubator**

A baby incubator, also known as a neonatal or infant incubator, is a medical device that provides a controlled and safe environment for newborns, particularly premature or ill infants.

## **Baby Warmer**

A baby warmer is an essential device designed to maintain a stable and warm environment for newborns, particularly those who are premature or have low birth weight. These units provide controlled heat to help regulate the infant's body temperature, which is crucial for their overall health and recovery.



# **Phototheraphy**

A phototherapy machine is a medical device that uses light to treat hyperbilirubinemia (jaundice) in newborns and certain skin conditions.



### **Patient Monitor**

A patient monitor is a medical device that measures, displays, and records a patient's physiological parameters, like heart rate, blood pressure, and oxygen saturation.





## **ECG Paper**

ECG paper, also known as electrocardiogram paper or medical heart test paper, is a specialized paper used in electrocardiograph machines to record the heart's electrical activity



#### Patient Plate of Diathermy

In diathermy, the "patient plate," also known as the dispersive electrode or return electrode, is a large electrode that is placed on the patient's skin to complete the electrical circuit during electrosurgery.



# Pulse Oximeter (Digital)

A pulse oximeter is a device used to measure the oxygen saturation level in a patient's blood (SpO2) and their pulse rate (PR).



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