



MEDSCOPE

Quality Diagnostic Medical Equipment



Hand Book On Medscope

Table Of Contents

Assess Your Heart's Health By Using Ecg Machines	3
Points To Consider Before Purchasing A Medical Fridge.....	5
How to use a Nebuliser for best Results.....	7
A Wide Range Of Diagnostic Kits	9
All you need to know about Medical Thermometer	11
Improve your vision with Eye Charts.....	13
Medical bags: Ideal choice for carrying the life saving medical equipment	15
Doctors Bags:The most secure way of carrying the medical equipment.....	17
Get Quality Blood Pressure Monitors To Keep A Check On Your Health	19
Littmann Stethoscopes: A Great Device For Health Professionals	21

Assess Your Heart's Health By Using Ecg Machines

The heartbeat is a sign of life. Even a simple anomaly in the heartbeat can have serious implications. It can even cause death of a person. Thus, in order to assess and evaluate the status of the heart's conduction system, physicians use an electrocardiogram or ECG machines.

ECG machines not only measure and record the activity of the heart, but also helps the physician to cure patients and help them live longer. An ECG machine conducts the test using electrodes attached to the patient's chest. This test provides a detailed graph that helps to explain the heart's activity. A careful study of an EGC report by the physician helps interpret the condition and the problems of the patient.

An **ECG machine** is used when a patient complains about some particular symptoms. These symptoms include a hard time breathing, fainting, chest pains, or an irregular heart beat. The ECG machines generally consist of a small, hand-held personal data assistant (PDA). It also has a cable that splits into individual wires called leads. Each lead has electrodes that are attached to its tips. These electrodes are placed on the patient's chest to record the heart's activity.

The biggest advantage of ECG machines is that they can be carried to any place, be it a patient's home, an ambulance or an accident site. The ECG machines have the ability to transmit results anywhere in the world. This feature of an ECG machine helps a physician to offer quick medical aid to the patient, making ECG machines a life saving device.

In addition to the heart, people must also take good care of their health. Witnessing the change in the eating habits of the people (where most people are living on junk food), problems like obesity, blood pressure, and various others are on a rise. Thus, to ensure a fit body, people must pay a timely visit to a doctor. Doctors use instruments like **blood pressure monitors**, **Littmann stethoscopes**, stethoscope to examine a patient. People can also keep medical instruments like blood pressure monitors and medical scales at home to keep a record of their health.

ECG machines and other medical instruments are readily available. There are various sites on the Internet that offer these machines. These companies take special care to ensure that there are no lapses in quality of the medical instruments. To know more about ECG machines, you can log on to www.medscope.co.uk.

Points To Consider Before Purchasing A Medical Fridge

Most pharmaceuticals are sensitive to temperature and therefore, a quality medical fridge is an essential part of providing safe health care to the people. Medical fridge is critical to transporting pharmaceuticals and vaccines safely. So, you must consider some of the essential elements when shopping for a portable medical fridge.

The first thing to watch out for is the Visible Outer Thermometer. A visible outer thermometer helps you detect the temperature inside the medical fridge without opening the unit. Knowing the accurate temperature is essential because certain vaccines need to be stored at a particular temperature in order to retain their effectiveness. Getting a temperature reading by opening the unit may not be accurate.

The next thing to check is the technology on which the medical fridge is based. It is essential to know whether the medical fridge is working on compressor technology or the thermoelectric technology. A medical fridge built using compressor technology works in a similar way to that of a home refrigerator. A compressor fridge uses power to maintain its temperature and can reach much lower temperature than a thermoelectric cooler. A thermoelectric cooler, on the other hand, can only sustain a temperature of about 30 degrees below the environmental temperature.

You must also check the system of power supply. It is essential in the case of portable fridge. For instance, the portable medical fridge must have a cigarette lighter adapter for use in a vehicle. In addition to the vehicle charger, the portable fridge should also accommodate a solar charging system.

Checking the outer construction of the **medical fridge** is also very essential. For a portable fridge, one must check that every element of a portable fridge should be made of material that helps in conserving power and remains cold. The handles should be made of sturdy material for strength and durability.

Last but not the least, a person must check the time taken by the medical fridge to cool. A medical fridge built with compressor technology cools a hot item by extracting the warm air and drawing it out of the unit. Different quality fridges cool the vaccines in different time span. You must choose the one that fulfills your need in the best possible manner. However, care must be taken that items that are transferred from one refrigerator to a portable vaccine refrigerator should remain consistent.

A medical fridge has opened new doors in the area of on-site medical care. Now, medical specialists can treat more patients in disaster areas for longer periods of time. Moreover, these fridges can be taken to remote areas that do not have access to medical facilities. Not only refrigerators, care must also be taken while purchasing other medical equipment, such as Medical Thermometer, **Reflex Hammers**, Ear Thermometer, Otoscope, Medical Tuning Forks, **ECG Machine**, and many such critical equipment. To know more about medical fridge and other medical equipment you can log on to www.medscope.co.uk.

How to use a Nebuliser for best Results

One in every seven people in the UK is affected by some form of chronic lung disease, mostly obstructive pulmonary disease and asthma. Environmental pollution, tobacco smoke, house dirt mite, and poor quality air are some of the reasons for respiratory infections. A nebuliser is a device used for treating respiratory diseases, such as cystic fibrosis, asthma, and many others. The nebuliser administers medication to people in the form of a mist inhaled into the lungs and helps in controlling the symptoms of various diseases.

A nebuliser contains an air compressor which allows the liquid medication to be dispersed to the patient. This is one of the most effective and quickest ways of administering medication to asthma patients as it expands the airways and helps a person in breathing properly.

Using a nebuliser is very simple. It is made up of a compressor, tube, cup, as well as a mask or mouthpiece. So, a person must ensure that he has all the required components in place. In addition to these parts, a **nebuliser** also requires a medication prescribed by the doctor.

Next, a person must also make sure that the compressor has been placed close to an electrical point. Some nebulisers come with a battery and do not require any electrical point.

After the compressor is in place, a person needs to pour the correct amount of medication into the cup and the cup needs to be attached to the mouthpiece.

After attaching the cup to the mask or mouthpiece, a person must attach the tube to both the cup and the compressor. Then turn on the machine. Within a few seconds a thin mist will start appearing in the mask or mouthpiece. Just place the mouth on the mouthpiece and inhale the medicine. Just five to ten minutes are required for the entire process. As soon as all the medication is over, remove the mouthpiece of mask and turn the machine off.

Pulse Oximeters, Power Plate, Body Fat Monitor and Pedometer are some of the instruments that also help a person to keep a good check on his health.

There are various companies that offer nebulisers and other medical equipment. These companies also offer medical clogs. **Medical clogs** are slip resistant, antibacterial, shock absorbent and waterproof shoes that help in improving feet and leg fatigue.

Besides, companies also offer **doctors bags** which help a doctor to carry his equipment safely. In order to know more about various types of medical equipment, you can log on to medscope.co.uk.

A Wide Range Of Diagnostic Kits

Most of us do not like to pay a visit to the doctor for small things like getting our blood pressure measured, but still want to keep a track of our blood pressure so that we are able to keep it under control. In such cases, purchasing diagnostic kits is the best option.

Diagnostic kits are available for different purposes. For example, a Premium Blood Pressure Kit consists of a deluxe sphygmomanometer and stethoscope set for taking blood pressure.

Doctor's diagnostic kits consist of a high quality **stethoscope** , sphygmomanometer and diagnostic set. It also has a set of tuning forks, patella hammer and penlight. All these equipment are required by the doctors to treat their patients effectively.

Diagnostic kits are also available to meet the course needs of osteopaths, chiropractors and physiotherapists. Known as Musculo Skeletal Therapist's Kit, this kit comes with all the diagnostic equipment required by a BSc student and also by a medical practitioner. This kit includes a conventional diagnostic set, stethoscope, **sphygmomanometer**, tuning fork set and patella hammer.

Diagnostic kits are also available for nurses. These are known as the Nurses Kits and consist of an accurate sphygmomanometer, stethoscope set together with a pair of bandage scissors. This kit helps a nurse examine the patients properly on a daily basis. It helps them take the blood pressure of a patient and treat small wounds.

The dissecting medical kits for students feature a hard plastic carrying case with fitted slots to protect the instruments. Components included in it are stainless steel scissor, stainless steel scalpel, stainless steel forceps, two straight needles, dissecting pins, dropper, and a ruler.

Anatomy Dissecting Kit is another type of diagnostic kit. Comprising felt lined zippered carrying case, this kit includes the following items: fine point dressing scissors, scalpel handles, forceps, teasing needles, chain hooks and magnifying glass. Medical kits also include pulse oximeters and power plate.

The doctors need to carry these **diagnostic kits** wherever they go. For such purposes, they use medical bags and doctors bags. These bags ensure the safety of medical kits. Besides, these bags also allow a medical practitioner to take this kit whenever and wherever needed. In addition to the doctors, these medical kits are also used by medical students in large numbers.

All you need to know about Medical Thermometer

A thermometer is an instrument that measures temperature. It consists of two main parts: a means to measure temperature (mercury) and a means to translate that temperature into a readable output. There are two types of thermometer: primary and secondary. A primary thermometer measures properties of matter, such as states of gas, while the secondary thermometer measures the body's temperature. The most common type of secondary thermometer is the medical thermometer.

A medical thermometer is easy to use and read. Nowadays, medical thermometers use a digital display, making it all the more convenient to use. Doctors therefore, recommend to keep a medical thermometer at home. Temperature of a person can be taken by inserting a medical thermometer into the mouth, into the rectum or under the armpit.

If a person is suffering from high fever, he needs to seek immediate medical attention. However, if he has a moderate temperature, he can wait to see his doctor until the next day or can even wait to see if his symptoms clear up without medical consultation. But, for knowing one's temperature, he/she must have a medical thermometer.

Taking one's temperature using a medical thermometer is very easy. Adults can take their temperature orally. However, doctors recommend that the temperature of children under the age of four years must not be taken orally. It is advisable to take their temperature rectally. One should be very careful while taking a rectal temperature. One must first apply Vaseline to lubricate the thermometer and then it must be inserted into the rectum.

Medical thermometers can also be used to measure the temperature of your pets. Most pet owners prefer to let their veterinarian take their pet's temperature. However, medical thermometers become useful in emergency situations when a person is required to perform the task himself. It not only helps him analyse the seriousness of the case, but also helps him save both his time and money.

Caring for a medical thermometer requires little work. Soap and water are all a person needs to clean the thermometer. After using the thermometer, wash it with slightly cool soapy water and then rinse it. After this, use a clean cloth or paper towel to dry it. One can also dip the thermometer in rubbing alcohol to clean it.

If you want to know anything more about **medical thermometer** or other medical equipment and accessories, such as **SAD lightbox**, penlights, just log on to www.medscope.co.uk. The website offers a wide range of X-Ray viewer, **Fob watches**, and medical clothing as well.

Improve your vision with Eye Charts

Eye charts are used to measure visual acuity. These charts display several rows of optotypes or test symbols. Each row consists of alphabet and symbols of different size. The person is asked to identify the numbers or letters on the chart, usually starting with large rows and continuing to the smaller rows until the letters and symbols cannot be identified anymore. It is one of the bases on which a doctor gets to know whether a person is suffering from an eye-sight problem or not.

Eye charts are also available for very young children or illiterate adults. These eye charts do not require letter recognition, instead they use simple pictures or patterns. Some of the eye charts also use the block letter "E" turned in different orientations. It is called the Tumbling E. The patient simply has to indicate the direction in which the letter "E" is facing.

The Landolt C eye charts are of a similar kind. They consist of rows with circles. Each circle has a different segment missing and the test-taker describes where each broken piece is located. Another option is the Hanks Paediatric Eye Chart. These eye charts use symbols which are easily recognisable by children, such as heart, apple, house, and flower. These symbols are then calibrated for the testing distances.

Generally, **eye charts** are designed for use at 6 metres or 20 feet. However, there might arise a need to test a subject's vision at near or occupational tasks like reading or working on a computer. For such situations, near-point charts have been created. For example, the Hanks Near-Point Eye Charts. It includes a typical range of text sizes and a selection of contemporary near tasks like music, VDU display, newsprint, telephone book, and many others.

Eye charts not only help in testing the eye-sight of a person, but also helps them perform various eye exercises. Eye charts provide an objective way for a person to check his visual fitness progress. As a person experiments with various vision improvement techniques, the eye chart helps him decide which exercises work and which ones don't work for him.

Medical equipment like pulse oximeters, body fat monitor and **medical clogs** are also available to enable a person to keep a check on his health. If you want to know more about eye charts and other medical accessories, such as **medical bags**, doctors bags, and power plate, just log on to www.medscope.co.uk.

Medical bags: Ideal choice for carrying the life saving medical equipment

Medical equipment are life saving devices and hence, need to be carried safely and properly. Their proper and timely usage helps in detecting and curing various diseases. Diagnostic Kits, Medical Thermometer, Otoscope and medicines are some of the basic components of medical bags.

Medical bags can be classified into **doctors bags** and Ampoule Cases. Doctors bags are made from superior quality leather and are available in a wide assortment of designs and patterns. Made from strong polypropylene, ampoule bags come in various attractive colours, such as red, blue, green, yellow, and black.

Medical bags allow safe transportation of medicines as well as medical equipment. Doctors and medical technicians use medical bags to offer immediate treatment to a patient. For instance, a person is very seriously ill and cannot go to a hospital, but needs to get a blood test done. In such cases, medical technicians carry all the necessary equipment in a medical bag and conduct the test.

Medical bags are also used for offering treatment to people living in the remote areas where there are no medical facilities. Doctors carry important medicines and equipment to offer a proper treatment to such people.

Bedford Canvas Medical Bags are lightweight padded canvas bags that offer superior protection to medical equipment. Comprising of various pockets, the bag's main compartment has padded movable dividers which fasten with velcro. These shower proof **medical bags** come with detachable shoulder strap, handle and rucksack type straps. These are available in blue colour.

Another example of a medical bag is the Morgan Bag. This lightweight soft leather bag has multi pocket compartments, making it ideal for carrying a wide range of medical equipment.

Ampoules, on the other hand, are divided into two: Small Ampoule Case and Large Ampoule Case.

Made from strong polypropylene, small ampoule case has a hinged case and a carrying handle. It is designed to hold 34 ampoules. A small ampoule case is 19.5 (L) x 14 (W) x 4cm (H) in measurement. Large Ampoule Case is fabricated to hold 48 ampoules. Light in weight, it is 23 (L) x 19 (W) x 5.5 cm (H) in measurement.

Medical bags are also used to carry medical equipment, such as **diagnostic sets**, reflex hammers, ear thermometer, and many other such equipment.

Doctors Bags: The most secure way of carrying the medical equipment

Stethoscope, Ophthalmoscopes, medical thermometer, blood pressure monitoring machine, and medicines are some of the few things a doctor needs to carry with himself. These equipment are used by him while diagnosing the problems of his patients. To assist a doctor in carrying these medical equipment comes in the role of doctors bags.

Doctors bags are available in a wide range of shapes, colours and sizes to suit the diverse requirements of different medical practitioners. For instance, the GP bag. It is an ultra light, mid sized, padded canvas bag with adjustable shoulder strap and carry handler. The adjustable shoulder strap makes it convenient for people of different heights to carry the bag.

The GP doctors bags possess 9 removable Velcro internal dividers and 1 telephone compartment. A large number of compartments help the doctors keep different instruments and medicines separately so that they can be found easily at the time of need. For instance, if a doctor keeps an ear thermometer together with a loose packet of medicine, it would take him sometime to look for it, when needed. With so many compartments, the doctor can easily keep different items in different pockets.

Furthermore, GP doctors bags also have a zipped A4 size front pocket with holders for prescriptions, keys and pens. It also has two outer removable pockets.

Another example of a doctor's bag is the Famulus bags. Famulus doctors bags are light weight and stylish. Its multi pocket compartments make it ideal for carrying a wide range of medical equipment. Besides, its combination lock offers an added security to the medical equipment.

Griffiths Canvas doctors bags are lightweight, padded canvas bags that offer superior protection to medical equipment. Comprising numerous pockets that are padded with movable dividers which fasten with velcro, this bag is suitable to carry all sorts of medical equipment. These shower proof doctors bags have an enclosed document pocket. They come with detachable shoulder strap, handle and rucksack type straps.

Other examples of **doctors bags** are Egon Rustica, Bedford Canvas **Medical Bag**, Morgan Bags and various others. These bags are made from high quality leather to offer maximum protection to the medical equipment. If you want to know more about doctors bags or other medical equipment , such as medical scales, ECG machine, and **nebuliser**, just log on to www.medscope.co.uk.

Get Quality Blood Pressure Monitors To Keep A Check On Your Health

These days, it is almost impossible to find a person who is absolutely fit and fine. There are 100% chances that an individual will have some or the other health problem. Diabetes, cholesterol and heart problems are some of the common diseases found amongst large number of people around the world. Amongst several health problems, blood pressure variations are one of the most serious health issues.

Sudden increase or decrease in blood pressure can have fatal consequences for the patient. That is why; most doctors suggest regular blood pressure monitoring to evaluate the patient's condition. As a result, blood pressure monitors have become a common instrument in homes and offices. For those who are unfamiliar to this device, a blood pressure monitor is a special device that monitors the blood pressure. It enables one to know whether the blood pressure is high or low.

There are different types of blood pressure monitors available in the market. They are digital blood pressure monitors, upper arm blood pressure monitors, wrist type blood pressure monitors, clinical blood pressure machines, aneroid sphygmomanometers, and lot more. Amongst all, digital blood pressure monitors are the best. They are convenient to use, as they have either manual or automatic cuffs, and come with a built-in LCD screen that shows the blood pressure reading. They allow the patient to check his blood pressure on his own, get accurate blood pressure readings and have them ready when visiting the doctor.

Wrist or finger blood pressure monitors are also very useful. These are also digital blood pressure devices that come with self-inflating cuffs and digital read outs. These are good for patients who have poor eyesight or are hard on hearing. One can also find digital blood pressure monitors that give a paper print out of blood pressure reading. It enables one to present a hard copy before the doctor.

Thus, whatever type of blood pressure monitor you choose, just ensure that it is of the best quality. Poor quality **blood pressure monitors** can give inaccurate blood pressure readings and would endanger your life. You can find many blood pressure monitors in the market that are easy to use and are cost-effective too.

If you are looking for the blood pressure monitors of the highest quality, you can log on to www.medscope.co.uk. This website offers a wide range of medical devices like blood pressure monitors, medical thermometers, spirometer, stethoscopes, **otoscope**, and various other diagnostic equipment. To know more about its range of blood pressure monitors and place your order, you can visit the company website.

Littmann Stethoscopes: A Great Device For Health Professionals

Doctors play a crucial role in our lives. They ensure that everyone gets the best treatment in case of diseases or any accident. Thus, it is of utmost importance that medical practitioners get everything to take care of our health. It is in this context that we can understand the role of diagnostic instruments and tools.

Doctors, nurses and other medical practitioners use various instruments in order to diagnose and thereby treat the patients. Amongst various medical equipment, Littmann stethoscopes are the most important. Littmann stethoscopes are simple, but effective tools that allow health professionals to detect abnormal sounds in a patient's body, such as heart, intestines, arteries, and lungs. With the help of a stethoscope, he gets to know of any blockage or irregular movement and thereby provide proper and timely treatment.

Although, there are various kinds of stethoscopes, Littmann stethoscopes are the best of all. Littmann stethoscopes allow doctors to listen to low and high pitch sounds properly. Other than this, it is light in weight and easy to carry and use. All these qualities of Littmann stethoscopes make them the preferred choice of those medical practitioners who give highest priority to accuracy and precision.

Littman stethoscopes like Littman cardiology III, Littmann cardiology STC, and Littmann Master classic II are some of the commonly used stethoscopes by cardiologists for both adult and pediatric diagnosis.

Similarly, reflex hammers are also very useful to check the central and peripheral nervous system. Reflex hammers help to know the range of reflex action and thereby, detect if there is any type of nervous disorder. There are several types of reflex hammer. The Tomahawk hammer, the Queen Square reflex hammer and the Babinski hammer are some of the most popular reflex hammers that are used in different parts of the world.

If you are a medical practitioner and are looking for Littmann stethoscopes, **reflex hammers**, **omron**, SAD light box, and other medical equipment of the highest quality, you can log on to our site.

Here, you can get different types of Littmann stethoscopes, such as Littmann Classic II SE Dual Head Stethoscope, Littmann Master Classic II Single-sided Stethoscope, Littmann Master Classic II All Black Edition Pressure sensitive Stethoscope, Littmann Cardiology III Dual Head Stethoscope, Littmann Classic II SE Paediatric Stethoscope, Littmann Classic II SE Infant Stethoscope, Littmann Master Cardiology Single-sided Stethoscope, Littmann Master Cardiology All Black Edition Cardiology Stethoscope, and many more.

To know in detail about various models of **Littmann Stethoscopes** from leading manufacturers, you can visit the company website and place your order.