



VEIN ILLUMINATOR

VEIN ILLUMINATOR KVI-A1 SERIES

Vein illuminator KVI-A1 is extensively used to locate vein for entire Pre, during and Post vein access procedure. The basic principle on which it works is the hemoglobin in the blood vessels has a stronger absorbance for near infrared light compared to that of surrounding tissues. The vein illuminator KVI-101 is designed to deliver an excellent image of the vein with a precision of 8mm -10mm under the skin in order to help the medical supervisor to deliver the best service.

Features

- ▶ With real time accuracy, it is easier for the medical supervisor to observe even the tiniest blood vessels.
- ▶ With digital light technology KVI-100, the Pre access procedure provides practitioner to locate the peripheral site of vein, thus helping in finding the relevant site.
- ▶ The During access procedure helps the catheter usage with ease. The navigation can be carried out effortlessly.
- ▶ In Post access procedure it aids to detection of possible hematoma from accidental puncture.
- ▶ It is portable, easy to use machine and practically no maintenance.
- ▶ It illuminates the outline of the vein reducing the chances of wrongly punctured vein.
- ▶ KVI-101, on the other hand, it is easy to handle, portable, can also be carried in pocket.
- ▶ The clam supports turn around 360° and can also be adjusted up and down for further usage.
- ▶ With two modes available it is user friendly for both adult and child.
- ▶ The brightness of adjusted images can be altered according to the personnel.

Application

- They are extremely user friendly due to its portability. The time required for searching out a blood vessel is lessen.
- It is first step to successful venipuncture procedure.it does help in lessen the time consuming process of vein selection.
- It does help in early detection of any hematological problems such as accidental puncture.
- It has helped the hospital staff in locating the deep vasculature in venipuncture process in patients with fear of injections.

Specification

MODEL	KVI-A100	KVI-A101
BATTERY	6000mAH \leq 200 minutes	3000mAH \leq 100 minutes
WEIGHT	20KG	500G
CHARGING TIME	8hours	
RATED POWER	25VA	15V
ALIGNMENT ACCURACY	<0.3mm	
INFRARED ENERGY	<200mW/m ²	<50mW/m ²
RESOLUTION	<0.3mm	
PRODUCT DIMENSION	18.5×13.8×13.8 INCHES	8.9 ×2.55× 2.4 INCHES
SUITABLE FOR	COSMETIC PLASTIC SURGERY, HOSPITAL, WARD, INJECTION ROOM, EMERGENCY DEPT., HEMATOLOGY CLINIC	

VEIN ILLUMINATOR (PEDIATRICS) KVI-A102

It's a battery operated pediatric vein illuminator works on the same principle as the adult illuminator. The hemoglobin in the blood vessels has a stronger absorbance for near infrared light compared to that of surrounding tissues. Thus the paramedics can easily locate the vein and observe the dense vein network.

Features

- ▶ • It is easy to use and operate with the smaller age group of patients.
- ▶ • The product is light weight, durable.
- ▶ • It has rechargeable stand and can also be battery operated
- ▶ • In order to avoid cross contamination, a special isolation cover is provided.

Application

As the name suggests it is designed especially for pediatrics. It is extremely portable, it is quite user friendly for pediatric patients. It helps in illuminating the blood vessels, thus minimum chances of wrong injection site. It also helps in detecting any hematological problems related to patients.

Specification

MODEL	KVI-A102
BATTERY DURATION	≥2 HOURS
TEMPERATURE	-10°C TO 25°C
POWER SUPPLY	DC 7.4V
LIGHTINING POWER	≤20VA
ELEVATION/ATMOSPHERIC PRESSURE	-390m to 5574m 50kPa to 106kPa
RELATIVE HUMIDITY	20% to 80%



KIZLON LTD.

Sentinel House, Harvest Crescent, Ancells Business Park,
Fleet Hampshire GU51 2UZ, UK

 info@kizlon.com

 www.kizlon.com