



GIMA

PROFESSIONAL MEDICAL PRODUCTS

Gima S.p.A.

Via Marconi, 1 - 20060 Gessate (MI) Italy

gima@gimaitaly.com - export@gimaitaly.com

www.gimaitaly.com

VISIO 2000 WALL DIAGNOSTIC STATION - 3.5V

User manual



ATTENTION: The operators must carefully read and completely understand the present manual before using the product.

REF 31545



GIMA S.p.A.
Via Marconi, 1
20060 Gessate (MI) Italy
Made in U.A.E.





Before using Visio 2000 Wall Transformer read instructions carefully and keep them in safe place for future record.



Applied Part BF



Fuse



AC Powered



For U.S. Only

Federal Law restricts this device to sale by or on the order of a Physician or Practitioner.

A convenient, modular package that puts everything needed for fast, accurate diagnoses at arm's length.

By combining a wall aneroid, ophthalmoscope, otoscope, specula dispenser, the GIMA wall diagnostic station puts all the basic diagnostic tools within easy reach. The system is attractive, modular, and easy to order and install.

The VISIO 2000 Wall Transformer is the perfect solution for hectic everyday clinical and hospital life. The unit has a centralized electrical supply, eliminating the need for conventional and rechargeable batteries. Customize your Wall Set to match your individual needs.

Intended use

VISIO 2000 Wall Transformer serves as a constant power source (3.5VDC) for VISIO 2000 Otoscope & VISIO 2000 Ophthalmoscope eliminating the need for conventional and rechargeable batteries; intended to use in

sensitive diagnosis and examining eye side, acoustic duct and tympanic membrane of human body.

Features

- a. Basic Unit equipped with 2 handles. Each handle fitted with a VISIO 2000 Otoscope head and a VISIO 2000 Ophthalmoscope head.
- b. The unit provides a constant 3.5V output voltage independent of mains voltage function. This ensures the right amount of light for each examination.
- c. Automatic On/Off switching of the handles. The instrument turns off automatically once the handle is placed in the cradle.
- d. Soft start avoids current surge during switch-on phase, protecting bulbs from damage.
- e. Non-slip, ergonomic handle design.
- f. Handle equipped with a brightness control mechanism for variable regulation of light.
- g. Spiral cable enables a working radius of 3 meters.

Specifications

Input: 100-240V~, 50/60Hz

Power: 40VA max

Fuse: 2 x 1 Amp

Output Voltage: 3.9V

Output Current: max 800mA

Protection Class: I

Operation: Continuous with intermittent loading,
Continuous Operation time for both handles is 1 min on and 10 min off

Application part: Type BF

Dimensions: 220mm (22cm) x 185mm (18.5cm)

Precautions



The handles should be handled carefully. No modification of this equipment is allowed.



Do not use the equipment in case it is damaged. Apply to your retailer. Avoid precarious repairs. Repairs shall be carried out with original spare parts only, which shall be installed according to the intended use.



Broken bulbs can cause injuries or cut. Carefully handle and immediately replace.

Storage

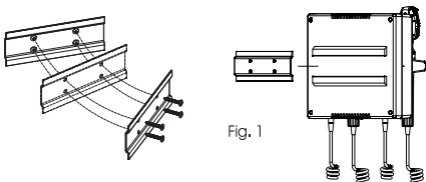
Since the product is made of corrosion-proof materials suitable for the environmental conditions foreseen for its normal use, does not require special care, however it is necessary to store it in such a way to make sure that it is protected from dust, and water to assure its hygienic conditions and protection against short circuit during operation.

Unpacking

Always remember that packing elements (paper, cellophane, stitches, adhesive tape, etc.) can cut and/or hurt if they are not carefully handled. They should be removed with adequate means and should not be left at the mercy of irresponsible persons; the same is valid for tools used to remove packages (scissors, knives, etc.). After opening the packages, first of all it is necessary to check all pieces and parts composing the product, Check that they are all present and in perfect conditions.

Installation

Fasten wall bracket on the wall with enclosed screws, making sure that the sliding sides of wall bracket face away from the wall and the smooth surface of the wall bracket is flush with the wall (as shown). Depending on the sliding surface, alternative screws may be needed. Note that the bracket should be placed so that the widest portion of the plate is horizontal. When screws are tightened, there will be no gap between the screw head and surface of the plate.



Mount the unit by sliding/dragging the two cutting line on the backside of unit over sliding arms of wall bracket on the wall.

Plug into 100 or 230V, 50 or 60Hz AC and unit is ready for use. It is recommended to install the product before use.

Operation

Power cord should be plugged in a properly grounded socket. After plugging the power cord into outlet, turn the power switch to ON position. The attached instrument head will automatically light up when handles are lifted from the handle cradle. Adjust rheostat on handle until desired light is obtained. Turning rheostat clockwise will decrease the light, counterclockwise increase

light output. Rheostat does not turn the instrument completely off. Fixing the handle to the cradle will turn the instrument completely off. An optical sensor mounted in the handle cradle turns the instrument head ON and off automatically. When the unit is not in use for more than few hours, turn power switch to 0 position to ensure longer operating life.

Note

The Otoscope and Ophthalmoscope is intended for short term treatment ≤ 1 minute with a break of 10 minutes between applications.

The maximum temperature at the application point at an ambient temperature of 40°C and in continuous operation is 48°C .

Use and Maintenance



Before removing the diagnostic unit, make sure that switch is off.



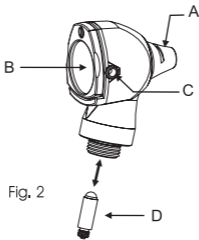
Any unauthorized modification/service may cause short circuit that may damage the unit, so always contact the authorized person or send the unit back to the manufacturer for repair.



Switch Off the Unit Completely before changing the lamp.

Changing the Lamp in Otoscope Head

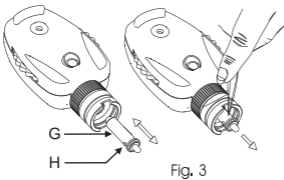
With the VISIO 2000 F.O. Otoscope, first unlock the head from the handle and pull the lamp (D) downwards as in Fig. 2. Push in the new lamp.



Replacement Lamp, 3.5V

Changing the Lamp in Ophthalmoscope Head

Unmount the ophthalmoscope head from the handle and pull the lamp (G) downwards as in Fig.3. Wipe the new lamp glass clean and insert it so that the locating pin (H) fits into the slit.



Replacement Lamp, 3.5V

Cleaning

Do not sterilize the product. It can be cleaned and disinfected using 70% Isopropyl alcohol. Avoid using abrasive cleaning material.

I) Lens

The lens can be cleaned by using a moistened cotton-tipped applicator with a solution of water with mild detergent. Do not use abrasive Ultrasonic cleaner, alcohol or other chemicals to clean the lenses as this degrade lens or mirror quality, as they will scratch the coated surface of the lenses.

II) Handle

Remove the unit from supply mains before cleaning. The handle can be cleaned with a moist cloth. Handle should not be dipped into water. While cleaning, make sure that lamp is not soaked with water.



Periodically check the handles and unit.



Autoclaving and Flash sterilization the handle will result in severe electrical damages.

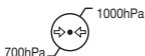
Operating Temperature



Temperature Limitation



Humidity Limitation



Atmospheric Pressure Limitation

Transport/storage





Disposal: The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product. This product meets high qualitative standards both as regards the material and the production.

The warranty is valid for 12 months from the date of supply of GIMA. During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel traveling expenses and packaging not included.





















All components subject to wear are not included in the warranty. The repair or replacement performed during the warranty period shall not extend the warranty. The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use. GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc. The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from.

Products sent to GIMA will be rejected.

Explanation of the Utilized symbols:

The following symbols are used on the Device or on the packaging:

-  The CE mark indicates that the product complies with the European medical device directive 93/42/EEC
-  Serial number
-  Catalogue or order number
-  Manufacturer
-  Year of manufacture
-  Temperature limitation for Operation, Storage and Transport
-  Humidity limitation for Operation, Storage and Transport
-  Pressure limitation for Operation, Storage and Transport
-  BF type applied part
-  Protective Earth
-  The product is for indoor use only
-  The product should be disposed of in accordance with the local law regulations as an electronic device separately
-  Alternating current AC
-  Direct current AC
-  The device contains protection fuse
-  Do not use if damages
-  Follow instructions for use
-  Keep dry!
-  Handle with care
-  The Visio 2000 Wall Transformer is UL Classified