



GIMA

PROFESSIONAL MEDICAL PRODUCTS

STAZIONE DIAGNOSTICA DA PARETE VISIO 5 PLUS VISIO 5 PLUS WALL DIAGNOSTIC STATION STATION MURALE DE DIAGNOSTIC VISIO 5 PLUS ESTACIÓN DIAGNÓSTICO DE PARED VISIO 5 PLUS

**Manuale d'uso - User manual
Manuel de l'utilisateur - Guía de uso**

- È necessario segnalare qualsiasi incidente grave verificatosi in relazione al dispositivo medico da noi fornito al fabbricante e all'autorità competente dello Stato membro in cui si ha sede.
- All serious accidents concerning the medical device supplied by us must be reported to the manufacturer and competent authority of the member state where your registered office is located.
- Il est nécessaire de signaler tout accident grave survenu et lié au dispositif médical que nous avons livré au fabricant et à l'autorité compétente de l'état membre où on a le siège social.
- Es necesario informar al fabricante y a la autoridad competente del Estado miembro en el que se encuentra la sede sobre cualquier incidente grave que haya ocurrido en relación con el producto sanitario que le hemos suministrado.

REF 31620 - 31621 - 31622 - 31623



Gima S.p.A.
Via Marconi, 1 - 20060 Gessate (MI) Italy
gima@gimaitaly.com - export@gimaitaly.com
www.gimaitaly.com
Made in Pakistan



INTENDED USE:

Visio 5 plus is convenient, modular package that places everything needed for fast, accurate diagnosis at arm's length. By combining a wall device with ophthalmoscope, otoscope and specula dispenser, Gima places all the basic diagnostic tools within easy reach. The VISIO 5plus provides a constant 3.5V output voltage independent of mains voltage fluctuations for medical diagnostic instruments. It should only be operated by trained medical staff within a professional health facility.

The VISIO 5plus is the convenient, toughest and reliable modular diagnostic station for hospitals and medical practices. With its centralized electrical power supply, the VISIO 5 offers the reliability required. This guarantees cost savings and eliminates the need for batteries, which is also good for the environment.

**PRECAUTIONS:**

- This unit does not require any maintenance. Do not open the housing. Repairs should only be carried out by qualified specialists. If the unit is damaged, disconnect the power cord immediately.
- Ensure that the mains voltage specified on the instrument label conforms to the local mains voltage.
- Do not use in the presence of an explosion hazard or in magnetic fields.
- Check the correct operation of the device before use.
- Use power supply in dry environment only.
- Avoid splashing water.
- Use only original Gima parts, spare parts, accessories and power sources.

FEATURES:

1. Ergonomic designed non-slip handle.
2. Constant output voltage with integrated surge protection.
3. Soft start technology introduces voltage gently into instrument's bulb/LED when turned on and eliminates cold-shock and greatly increases bulb/LED life.
4. The unit provides a constant 3.5V output voltage independent of mains voltage function.
5. The handle switches ON and OFF automatically once removed or replaced in the cradle.
6. The adjustable light intensity ensures that whenever the handle is picked from cradle, the brightness is at maximum and can be lowered / decrease by clicking the button down and can be increased by clicking button up.
7. Very precise brightness control, between 3% and 100%.
8. Spiral cord stretched to 3 meters ensure the instrument to be used comfortably from different angles.
9. Low power consumption.
10. The handle work optimally well with LED and/or Xenon-Halogen instrument heads.
11. The product is complies with IEC-60601-1 standard.
12. Handle comes with anti-theft feature so that instrument head is secured on the handle and cannot be removed without special Allen key, provided with the unit.
13. Handle equipped with a brightness control mechanism for variable regulation of light

SPECIFICATIONS:

Input: 100-250V 50/60Hz

Power: 34VA Max

Fast Fuse: 2 x 250V / 2A

Poly Fuse: 8V / 2.20A

Output 1: 5V/2000mA

Output 2: 3,5V/800mA (for unit with 1 handle)
3,5V/800mA (for unit with 2 handles)

Operation: Continuous with intermittent loading, continuous operation time for handle is 1 min on & 10 min off.

Dimensions: 290.50mm x 180mm x 75mm

UNPACKING:

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 condition. The main components are the main unit, wall plate and screws.

ASSEMBLY AND DISASSEMBLY:

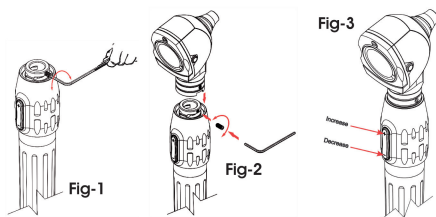
Use only the mounting plate supplied with the VISIO 5plus

1. Hold the mounting plate horizontally in place where the unit should be mounted and mark the holes to be drilled in the wall.
2. Drill a hole with drill bit and insert the fixing plugs.
3. Screw the mounting plate in with a suitable screw driver.
4. Press the unit into the four mounting pins and down.
5. Check that all four pins have engaged.

To disassemble, disconnect the power cord and push the unit up to remove it from the mounting plate.

OPERATING PROCEDURE:

1. Insert the Power cable in the wall socket.
2. Do not switch the Unit On until the instrument Head is properly connected to the Handle.
3. Loosen the screw in upper part of handle using the special Allen key provided with the unit as shown in below figure 1.
4. Turn the Handle and Head in each hand, insert the head into Handle and match the bayonet grooves on the Handle and Head, push the head down and turn it clock wise.
5. Tighten the screw through the instrument head with bayonet mount of the handle as shown in below figure 2 and final view is shown in figure 3.
6. Turn the power switch to "I" and then tighten the screw making the head more secure as explained in below diagram that is on position, the Indication LEDs will glow making sure that unit is in working condition now.
7. The attached instrument Head will automatically light up when the Handle is removed from Handle cradle.
8. Instrument Head brightness can be adjusted by using the Adjustment button on the Handle.
9. Brightness can be increased and decreased by pressing the Adjustment button on '+' and '-' position respectively.
10. The Handle can be simultaneously used independent of each other because of galvanic isolation.
11. The Adjustment button does not turn the instrument completely Off, Placing the handle onto cradle will turn the instrument completely off.
12. Kindly switch off the unit from Power switch (i.e. at '0' position) in case it is not in operation in order to ensure long operating life.

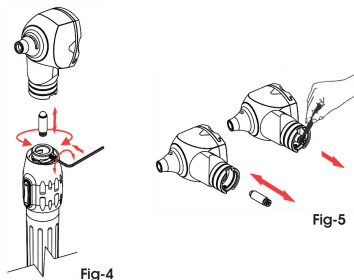


Note: The otoscope and ophthalmoscope are intended for short-term treatments ≤ 1 minute with a break of 10 minutes between applications. The maximum temperature at the application point at an ambient temperature of 40 °C and in continuous operation is 48 °C.

The VISIO 5plus handles are equipped with VISIO Connectors for use with all the VISIO 2000 and Visio 5 instruments.

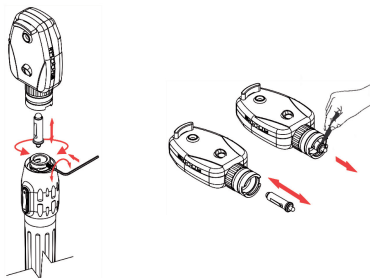
CHANGING THE LAMP IN OTOSCOPE HEAD:

With the Visio Otoscope, first loosen the screw and then unmount the head from handle by rotating in clockwise direction as shown in figure-4. Now pull the lamp downwards as shown in figure-5 and wipe the glass of new lamp making sure that it is clean and then push it inside the otoscope head. After that lock the Otoscope head onto handle by rotating (Anti-clock wise) and tighten the screw with head and handle. Use original lamps only. Switch off the unit completely before removing the Instrument head.



CHANGING THE LAMP/LED IN OPHTHALMOSCOPE HEAD:

With the Visio ophthalmoscope, first loosen the screw and then unmount the head from handle by rotating in clockwise direction as shown in figure-6. Now pull the lamp / LED downwards as shown in figure-7 and wipe the glass of new lamp making sure that it is clean and then push it inside the ophthalmoscope head. After that lock the ophthalmoscope head onto handle by rotating (Anti-clock wise) and tighten the screw with head and handle.



EAR TIP DISPENSER (PER CODES 31620 – 31621):

Do not reuse the disposable specula! Do not sterilize the specula in an autoclave or with disinfectants!

Operating procedure:

1. The Visio 5 Plus Ear Tip Dispenser can hold up to 100 specula with two different sizes: 2.5mm and 4.0mm.
2. Insert the specula from the top by removing the covering cap.
3. The 2.5mm specula can be fetched from the first two slots on the bottom part of the dispenser. The next two slots are for the 4.0mm specula.
4. The holding device makes it easy to fetch one speculum at a time.




Cleaning of the dispenser:

1. The Visio 5 Plus Ear Tip Dispenser can be cleaned using the following method.
2. Slightly moisten a cotton swab or cloth with isopropyl or ethyl alcohol and gently wipe the surface of the cover.
3. Wipe from side to side rather than in a circular motion.

STORAGE:

Since the product is made of corrosion-proof materials suitable for the environmental conditions foreseen for its normal use, it does not require any special care, however, it must be stored in such a way as to make sure it is protected from dust and water to ensure its hygienic conditions and protection against short circuits during operation.

USE AND MAINTENANCE:

-  Before removing the diagnostic unit, make sure the switch is in the OFF position.
-  Any unauthorized changes may cause a short circuit that may damage the unit, therefore always contact the authorized person or send the unit back to the manufacturer.
-  Switch off the unit completely before changing the lamp.

CLEANING:



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

1) Lens:

The lens can be cleaned using a moistened cotton-tipped applicator with a solution of water with mild detergent. Do not use abrasive ultrasonic cleaners, alcohol or other chemicals to clean the lenses as this degrades the lens or mirror quality by scratching the coated surface of the lenses.

2) handle with main unit:

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

-  Periodically check the handle and unit.
-  Autoclaving and flash sterilizing the handle will result in severe electrical damage.

RECOMMENDED OPERATING ENVIRONMENT

Operation

Temperature 0°C to 40°C

Humidity 10% to 90%















Air Pressure 700hPa to 1000hPa

Storage and Transport

Temperature -20°C to 50°C

Humidity 15% to 95%

Air Pressure 700hPa to 1000hPa

	Caution: read instructions (warnings) carefully		Medical Device compliant with Regulation (EU) 2017/745		Product code
	Manufacturer		Date of manufacture		Lot number
	Keep away from sunlight		Keep in a cool, dry place		WEEE disposal
	Type BF applied part		Follow instructions for use		Medical Device
	Serial number		Class II applied		



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.

GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.