



GIMA

PROFESSIONAL MEDICAL PRODUCTS

**OTO-OFTALMOSCOPIO ALOGENO PARKER
PARKER HALOGEN OTO-OPHTHALMOSCOPE
OTO-OPHTHALMOSCOPE HALOGÈNE PARKER
PARKER HALOGEN OTO-OPHTHALMOSKOP
OTO-OFTALMOSCOPIO HALÓGENO PARKER
OTO-OFTALMOSCÓPIO DE HALOGÉNIO PARKER
ΩΤΟ-ΟΦΘΑΛΜΟΣΚÓΠΙΟ ΑΛÓΓΕΝΟΥ PARKER**

منظار أذن – عين هالوجني باركر

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.

Jeder schwere Unfall im Zusammenhang mit dem von uns gelieferten medizinischen Gerät muss unbedingt dem Hersteller und der zuständigen Behörde des Mitgliedsstaats, in dem das Gerät verwendet wird, gemeldet werden.

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.

É necessário notificar ao fabricante e às autoridades competentes do Estado-membro onde ele está sediado qualquer acidente grave verificado em relação ao dispositivo médico fornecido por nós.

Σε περίπτωση που διαπιστώσετε οποιοδήποτε σοβαρό περιστατικό σε σχέση με την ιατρική συσκευή που σας παρέχουμε θα πρέπει να το αναφέρετε στον κατασκευαστή και στην αρμόδια αρχή του κράτους μέλους στο οποίο βρίσκεστε.

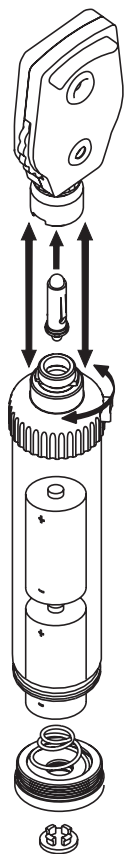
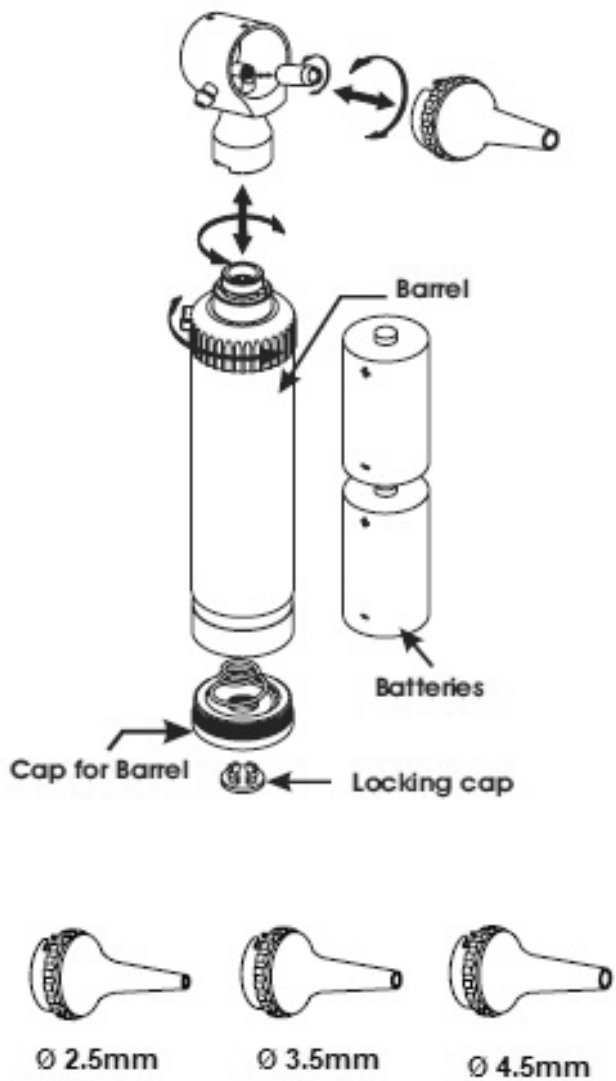
يجب الإبلاغ فوراً عن أي حادث خطير وقع فيما يتعلق بالجهاز الطبي الذي زودنا به إلى الجهة الصانعة والسلطة المختصة في الدولة العضو التي يقع فيها

REF 31477



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





OTOSCOPE

FEATURES

The otoscope PARKER is medical equipment suitable to directly examine the external acoustic duct and the tympanic membrane. The otoscope is provided with a bayonet, is equipped with a 2,5 bulb and is supplied by two 1.5V alkaline batteries type C.

The model is provided with a rheostat to adjust the intensity of light, a removable glass allowing a 3X magnification and an output for air insufflation to check the mobility of the tympanic membrane.

The otoscope PARKER is delivered with three autoclavable specula Ø 2,5 - 3,5 - 4,5 mm.

The product or its components cannot be used for purposes different from the one specified in the present manual.

PRESCRIPTIONS



The product shall be used exclusively with alkaline batteries type "C" correctly installed.

It shall not be dipped into water! When cleaning, make sure that the lamp socket or the battery compartment is not soaked with water.

The product shall be used by qualified medical personnel only, in out-patients' department. It is not conceived for the employment in operation room. Due to its powerful luminous intensity it is inadvisable to directly point it at eyes. 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.

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 a closed place making sure that is protected from dust and dirt to assure its hygienic conditions. Moreover, it is recommended to store the product in a place which can be reached easily by the personnel in case of necessity.

UNPACKING

Always remember that packing elements (paper, cellophane, stitches, adhesive tape, etc.) can cut and/or hurt if they are not carefully handled.

They shall be removed with adequate means and shall 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

Before using it, it is necessary to insert the batteries into the apposite compartment. Proceed as follows:

- Open the battery compartment. To do this clockwise turn the apposite ring nut located on the handle.
- Once opened, insert the batteries paying attention to the direction of poles (see picture).
- To close the battery compartment, clockwise screw down the ring nut and check that the batteries are in contact with poles.

In case the otoscope head unit separates from the handle, proceed as follows:

- For versions with bayonet cap, it is necessary to hold the otoscope handle and head group, counter-clockwise turn this last one until a click is heard, at this point it is possible to take the head off.
- To insert the head, make the bayonet cap grooves match, push the head towards the bottom and clockwise rotate it.

The operation necessary to remove and replace the speculum is very simple:

Counterclockwise rotate the speculum and draw it out of its seat. To reposition the speculum, insert it into the head group, make the groove match with the small pivot and clockwise rotate. In case of Otosopes with bayonet locking system, proceed as follows: It is necessary to hold the Otoscope handle and head in each hand and turn the head counter-clockwise until a click is heard. At this point it is possible to take the head off. To re-attach the head, match the bayonet grooves on both the head and handle, push the head down and turn the head clockwise. The operation necessary to remove and replace the speculum is very simple:

- Turn the speculum counter clockwise and draw it out of its seat.
- To re-attach the speculum, insert it into the head by matching the grooves with the small pivot and turn clockwise.

OPERATION

First of all it is necessary to choose the size and the type of speculum suitable to the acoustic duct to examine.

Besides the ones provided as standard, on request it is possible to deliver disposable specula with different sizes and colours (cod. 31491 - 31492 - 31495), which can be assembled on the head by means of an adapter (cod. 31493). An adapter can be also supplied to install a disposable alligator speculum (cod. 31494) (see picture), suitable to examine children.

The examiner shall turn on the light by means of the black knurled ring nut located on the handle upper side.

The model is equipped with a rheostat. Thus pressing the white pushbutton and slowly clockwise rotating the ring nut it is possible to increase the intensity of light. Counter-clockwise rotate the ring nut to turn down the light until it is off. After the use, make sure that the light is off.

MAINTENANCE



Periodically check the battery conditions, making sure that no sign of corrosion or oxidation is present, in case of necessity replace them with new alkaline ones. Carefully handle the batteries as the liquids they contain can irritate skin and eyes.

Before being used, thoroughly check the product. The same operation shall be carried out after cleaning.

- Check that the connection between the head and the handle is perfect and that the rheostat correctly works.

- If the light is intermittent or in case it does not turn on, check the bulb, the batteries and the electric contacts.

In case the bulb stops working, it is possible to replace it with original spare parts

To replace the bulb, it is necessary to take the speculum out, counter-clockwise turn the bulb and screw the new one down (see picture). It is advisable to use only original bulbs.



Before removing the bulb, make sure that the instrument has been off for some minutes; otherwise you run the risk of being burnt.

- Check that the glass is clean; on the contrary it shall be removed. To do this counter-clockwise rotate it and at the same time pull it towards you.

After cleaning, reintroduce the glass into its seat making the groove match with the small pivot and clockwise rotating it (see picture).

- It is advisable to always have new bulbs and batteries at disposal for the maximum light.

- The otoscope head and handle can be cleaned with a cloth soaked with disinfectant, however they cannot be dipped into liquids.

- The speculum can be sterilized in boiling water or in autoclave, in this case the temperature shall not be over 121°C; alternatively cold disinfectants can be used with the same concentration used to sterilize medical instruments.

The product has been conceived to last forever; it is resistant to most part of chemicals except for methyl ethyl ketones (M.E.K.), diluents and nail polish removers. All internal parts are brass and chrome plated preventing rusting. If the lamp is exposed to humidity remove the batteries, thoroughly dry to avoid short-circuit

OPHTHALMOSCOPE

FEATURES

- 1) Excellent light for tissue color and consistent illumination.
- 2) 24 Focusing lenses with a range of (-25 to +40).
- 3) Diopter display window displays direct reading of diopter values (positive values displayed in green and negative displayed in red).
- 4) Sealed units keep the product clean.
- 5) Rubber eye brow rest prevents scratching of eye glasses.
- 6) Bayonet lock Ophthalmoscope head with Halogen bulb.
- 7) Handle powered by two 1.5 V "C" type batteries. Alkaline batteries are recommended for optimum performance.

* These Ophthalmoscopes are packed in imitation leather case, pouches and plastic cases.

A - Focusing lens window

B - Reflector

C - Lens selection dial

D - Rubber brow rest

E - Diopter value display window



Fig. 1

OPERATING INSTRUCTIONS

Before using it, it is necessary to insert the batteries into the handle compartment proceed as illustrated in battery replacement procedure.

Hold the battery handle and head in each hand and match the bayonet grooves on both the head and handle, push the head down and turn the head clock wise.

Check that the connection between the head and handle is perfect and that the rheostat works

correctly.

Push the white button on the handle and twist the black knob towards the left hand side. The unit is now in operating position. The intensity of the light can be adjusted by turning the knob clock wise or counter clock wise.

Gently place the rubber eye brow near your eye. Then point the light beam at the center of the eye lens. With your index finger on the lens selection dial, make use of the proper lens and note for treatment. Switch off the unit after use to preserve batteries. Twist the black knob towards right until an audible click sound is heard once the button comes to its off position.

ALOGEN OPHTHALMOSCOPE

The ophthalmoscope is designed for examination of the eye. Precision ground lenses provide 24 dioptre settings, from +ve: 0, 1 to 6 then 8, 10, 12, 15, 20 and 40 to -ve: 0, 1 to 6 then 8, 10, 15, 20 and 25. The May wheel containing the lenses can be rotated in either clockwise or anti clockwise direction

CARE AND MAINTENANCE

Before using, thoroughly check the product and accessories (if provided) the same operation shall be carried out after cleaning. If the light is intermittent or in case it does not turn on, check the bulb, the batteries and the electric contacts. In case the lamp stops working, it is possible to replace it with original spare lamp. To replace the lamp, follow lamp replacement instructions see fig.3 also.

CLEANING

Lens

The lens can be cleaned by using a moistened cotton-tipped applicator with Alcohol or a solution of water with mild detergent.



Do not use abrasive materials to clean the lenses as they will scratch the coated surface of the lenses.

Handle

The handle can be cleaned with a moist cloth.

Battery handle shell not be dipped into water. Remove battery components while cleaning.

Periodically check the battery condition, making sure that no sign of corrosion or oxidation is present, in case they have to be replaced, it is highly recommended to use new alkaline ones. For battery replacement see fig.2.

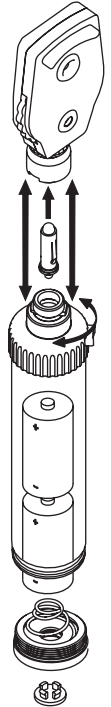


Fig. 2

LAMP REPLACEMENT



Before removing the bulb, make sure that the instrument has been turned off for some minutes otherwise you run the risk of being burnt.

Remove Ophthalmoscope head as advised in operating procedure (See fig.2) .

Grasp the end of lamp and pullout (use nailfile or similar object if necessary) (See fig.3).

Insert replacement lamp by carefully aligning pin on lamp shaft with slot in Ophthalmoscope head. Push the lamp until firmly seated.

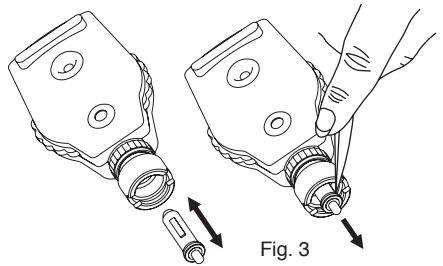


Fig. 3

BATTERY REPLACEMENT PROCEDURE




In case of necessity replacement of new batteries then carefully handle the batteries as the liquid in a leaking battery can irritate skin and eyes. While replacing batteries it is necessary to use exclusive alkaline type batteries.













- Open the battery compartment, by turning the bottom cap counter clock wise.
- Once opened, insert the batteries paying attention to the direction of poles (see fig.2).
- To close the battery compartment, screw down the cap clock wise and check that the batteries are in contact with Poles.

STORAGE

Since the product is made of corrosion-proof materials suitable for environmental conditions foreseen for its normal use, it does not require special care. However it is necessary to store it in a closed place making sure that is protected from dust and dirt to assure it's hygienic properties. Store in clean environment and preserve in normal temperature.

PRECAUTIONS

-  *This shall be used by qualified medical personnel only. It shall not be dipped in water. While cleaning, make sure that lamp or the battery components are not soaked with water.*
- Do not use abrasive Ultrasonic cleaners, alcohol or other chemicals as this may degrade lens or mirror quality. Use warm water and soap for lens. Autoclaving and Flash sterilization the handle will result in severe electrical damages.*
- Avoid precarious repairs. Repairs shall be carried out with original spare parts only, which shall be installed according to the intended use.*
- Protect lamp surface against abrasions and scratches.*
- Don't use the equipment in case it is damaged. Contact to your retailer.*

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

 **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.