

MEDGUARD®

Professional Healthcare Supplies



OTOSCOPE PARKER

Medguard Professional Healthcare

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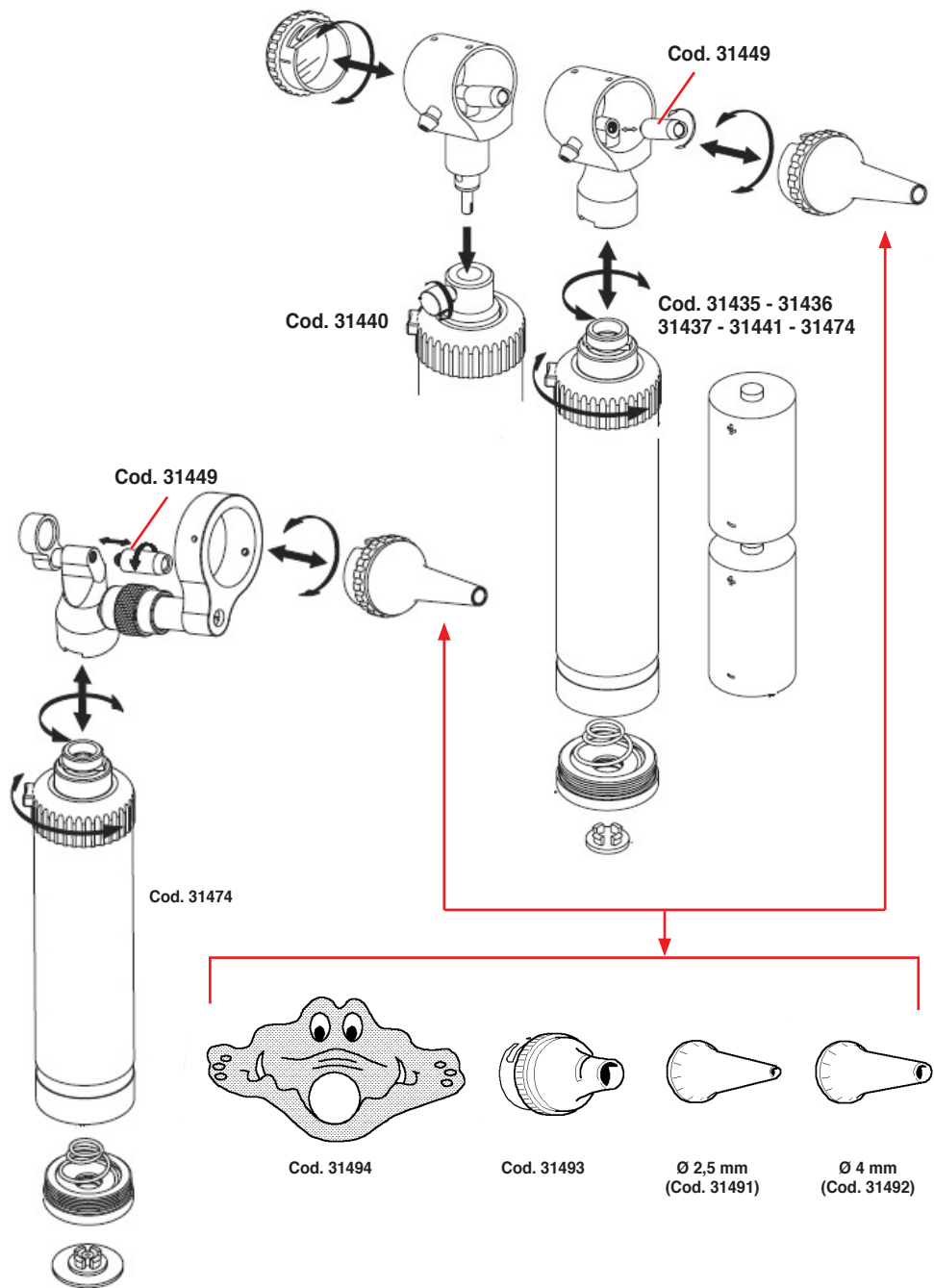
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FEATURES

The otoscope PARKER is medical equipment suitable to directly examine the external acoustic duct and the tympanic membrane. The otoscope is available in two different models.

The two models differ in the colour and type of connection between the head and the handle. The otoscope PARKER (cod. 31440) is provided with a screw cap, while other models have got a bayonet cap and they are available in different colours: green (cod. 31435), blue (cod. 31436) and yellow (cod. 31437).

Both models are equipped with a 2,5 V bulb and are supplied by two 1,5 V alkaline batteries type "C".

The otoscopes PARKER are 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 otoscopes PARKER are delivered in an imitation leather case and are equipped 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 unadvisable 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 PARKER versions with screw cap, it is necessary to slightly unscrew the knob located on the side and pull the head while tightly holding the otoscope handle.
To reinstall the head unit on the handle, it is sufficient to insert it again into the apposite seat, taking care that the notch present on the head bottom matches with the knob. At this point it is sufficient to exert a light pressure towards the bottom and screw the knob.
- For PARKER COLOUR 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.

To dis-assemble the Otoscope unit (with screw locking system) proceed as follows:

- For Otoposcopes with screw locking system, it is necessary to slightly unscrew the knob located on the side and pull up the head while tightly holding the otoscope handle.
- To reinstall the head unit on the handle, it is sufficient to insert it again into the handle, taking care that the notch present on the head bottom matches with the knob. At this point it is sufficient to exert a light pressure towards the bottom and screw the knob.

In case of Otoposcopes 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. Both PARKER models are 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 (cod. 31449).

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-circuits.

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