

How to care for the Triton, Maestro & TRC-NW400

This document contains four parts, which describes:

1. **Cleaning after each patient** – You should clean the chin and forehead rest.
2. **Daily care** – Inspection of objective lens and camera filters.
3. **Weekly care** – Cleaning the plastic covers and display.
4. **Additional tips**

Part 1 – Cleaning the chin and forehead rest after each patient.

It is recommended to clean the forehead rest and chin rest after each patient with sanitizing wipes.

Ideally those will be only with a disinfectant (no fragrance, aloe vera or softening oils). Wipes with additive will leave a film on the surface, which will become sticky. With time, the rubber forehead rest can get discolored and the adhesive that is used to stick it to the extrusion can dissolve. Chin rest papers can be used but it isn't advised for hygienic purposes. Most common residue to clean is make-up and spots from FA/ICG dye (Triton Plus). The red arrows in **Figure 1.1** highlight the chin and head rest.

It is perfectly normal when scans are taken, for the patient to grab, with their hand the headrest assembly. For hygienic purposes, the sides need to be wiped as well. It is recommended to be cleaned at least at the end of the day. The blue arrows of **Figure 1.1** highlight the area where the patient will usually place their hands.

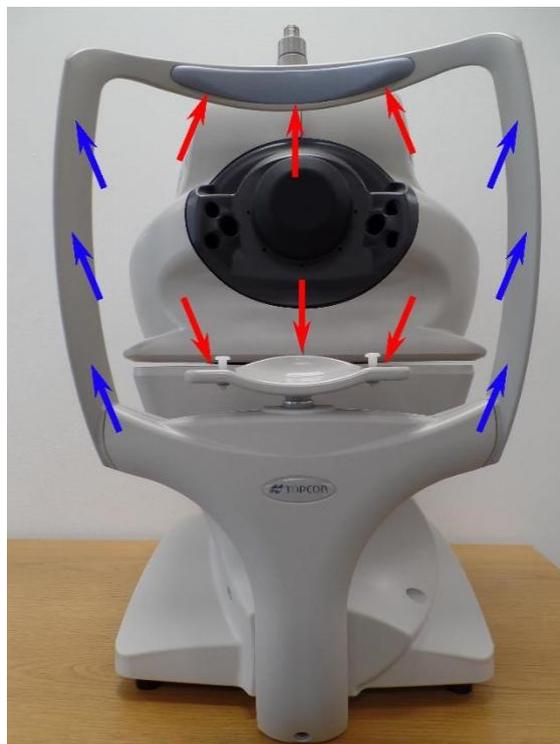


Figure 1.1 Maestro – Headrest assembly

Part 2 – Daily care.

It is recommended to use the provided cover (plastic/cloth), to cover the unit overnight or when it is not going to be used in longer periods (holidays, non-working weekends, etc.), see **Figure 2.1** for reference. This will lower (it will not eliminate) dust accumulation on the surface, camera and lenses. It must be noted that the surroundings also matter for dust accumulation. The room floor might be carpeted, there is a fan which just circulates the air in the room, etc. More on the matter in Part 3.

If you have misplaced, damaged or worn out (dirty/stained, etc.) the cover, it can be re-ordered separately from Topcon.



Figure 2.1 Unit covers

Daily check before starting work:

- Remove the dust cover;
- Remove the lens cap;
- Inspect the objective lens and camera filters with a flash light or your phone. Objective lens and camera filters are highlighted on **Figure 2.2**;
- If any spots of dust and or dirt are visible, please clean it;

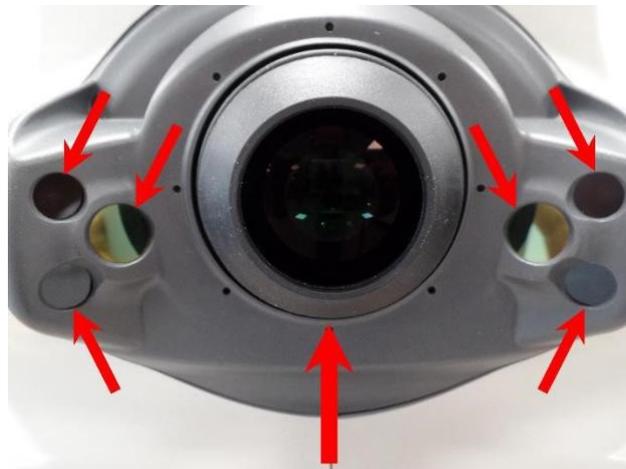


Figure 2.2 Maestro – Objective lens and filters

Before trying to clean the objective/filter lenses you would need to remove any dust particles. Those could scratch the lens and effect the quality of the images. It is recommended to use a hand air pump duster (see **Figure 2.3**), to remove the dust from the objective lens and filters.

You need to remove any dust before cleaning, so you would not damage the objective lens. The lens is coated with a special film that could get damaged if dust/debris is not removed before wiping.



Figure 2.3 Hand air pump duster

There are two methods to clean the lenses, the condensation method and the chemical method. You should always try the condensation method first, as it is 85% successful. Both methods use lint free cloth (not the silicone one which is included with glasses).

- The condensation method consists of using your own breath. Breathing out onto the lens and using a lint free cloth in a gentle circular motion.
- The chemical method consists of using ROR (Residual Oil Remover) with a lint free cloth in a gentle circular motion.

If you are not happy with the result, use the blower again, use new lint free cloth with the Condensation method. If that does not help then use the chemical method once more.

Please do not use any "hard" tools (such as tweezers) or your finger nails as you can damage the lens.

On **Figure 2.4** and **Figure 2.5** you will see dusty, smudged objective lens before and after cleaning.



Figure 2.4 Maestro – Dusty and smudged objective lens



Figure 2.5 Maestro – Cleaned objective lens and filters

If there is a large period between patients, please ensure that the lens cap has been replaced so it prevents dust from accumulating. Spare lens caps can be ordered from Topcon as those can be misplaced or damaged.

At the end of the day turn off the unit and follow the procedure in **Part 1**. When ready, replace the cover on top.

Part 3 – Weekly care.

The weekly care focuses on the cleaning on external plastic covers and monitor. Those can get covered with pen marks and dirt over time.

For cleaning the plastic covers you could use Foam cleaner with a paper towel. On tough stains, you could use a small amount of CIF and wipe it off well. After the surface is dry there will be leftover residue, which can be cleaned with wet paper towel or foam cleaner.

For cleaning the touch screen, you should use monitor cleaner.

Part 4 Additional tips

Part list for products – ROR (Residual Oil Remover)



Final statement

Always read the supplied manual (pdf can be provided as well on request), there is a section Maintenance, which describes all the procedures for maintaining your equipment.

Please also understand that any inflicted damage to the unit, objective lens (scratches and rubbed off coating) and filters is not covered by warranty or contract. You should also internally train/retrain your staff how to take care of the equipment.