

# Quickstart Guide

## COVID-19 guidance: Cleaning your HFA perimeter



This document provides updated guidance from ZEISS on how to treat the Humphrey® perimeter to promote patient safety during visual field examinations and guidance is provided on how to clean the bowl, should the clinic determine that such cleaning is desired.

Between each patient use, all patient and technician interface surfaces excluding the bowl, may be wiped down using isopropyl alcohol. These include the eyepatch, patient chinrest, headrest, patient response button, trial lens holder and trial lenses, as well as all technician user interfaces.

If there is a desire to clean the bowl of the HFA, the bowl surface may be treated by spraying it with a 70% isopropyl alcohol (IPA) solution. The following are step-by-step instructions on the recommended procedure for sanitization of the HFA between patient tests. This procedure is applicable to all HFA models including HFA3, HFA II-i, and HFA II.

In order to reduce the possibility that repeated misting of IPA70 could affect sensitive optical and electromechanical components in the HFA bowl area, we recommend using simple paper coverings during the misting process as described in this procedure.

### Preparation Steps

#### Step 1: Gather the appropriate materials for cleaning

- 70% Isopropyl alcohol (IPA70)
- Fine misting sprayer – see recommendations in References
- Printer paper – size: US Letter, A4, or similar
- Soft cloth, lens tissue, or cotton swab

#### Step 2: Prepare cleaning materials

- Prepare a 70% IPA solution using 7 parts IPA (100%) and 3 parts distilled water. Alternatively, commercially available 70% IPA is also acceptable.
- Fill the fine misting sprayer with IPA70 solution. Perform a test spray away from the instrument to ensure that the sprayer produces a gentle, fine mist.



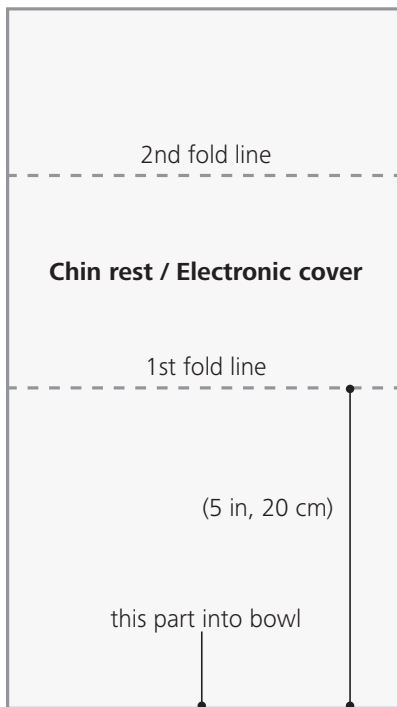
*See references, item A for product information.*



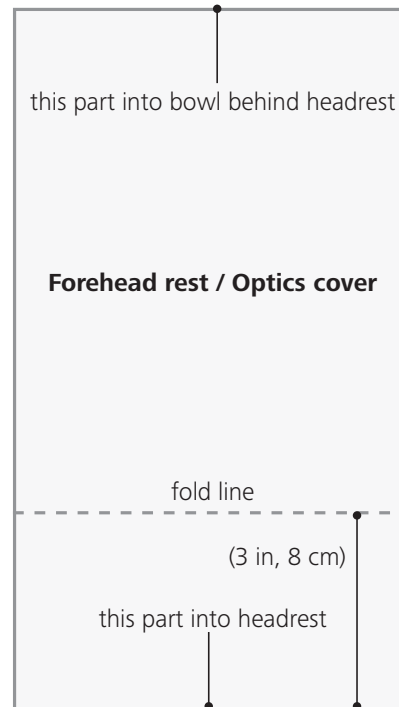
Seeing beyond

### Step 3: Prepare Paper Coverings

**Chin rest paper cover:** Fold the paper approximately 5" (20 cm) from the edge, then fold the other edge in half.



**Forehead-optics paper cover:** Fold the paper approximately 3" (8 cm) from the edge.



## HFA Sanitization Procedure

### Notes:

- The HFA instrument should remain powered ON during the sanitization procedure and between patients.
- The normal airflow through the bowl will help to circulate the IPA70 mist within the bowl and in general, circulate air through the bowl.
- If in your judgment the bowl appears dusty, follow the HFA Instructions for Use, which describes that occasional wiping with a soft cloth and isopropyl alcohol may be performed.

**Step 1** Between patients, wipe the forehead rest, chin rest, patient response button, trial lens assembly and lenses, operator interfaces and exterior panels near patient area in accordance with CDC or local public health guidelines and your own infection control procedures (alcohol wipes or similar).



**Step 2** Lower the trial lens holder into the area behind the chin rest.

**Step 3** Place the chin rest paper cover over the chin rest so it covers the opening behind the chin rest in order to protect electronics from getting wet.



**Step 4** Insert the short side of the forehead-optics paper cover into the gap between the forehead rest and the instrument.



**Step 5** Hold the IPA70 mist spray bottle in one hand. With your other hand, roll the forehead-optics paper cover in and hold at the free edge to cover the optics area behind the head rest.



**Step 6** Hold the misting sprayer in the bowl maintaining a distance of about 15 cm from the bowl surface. Spray in a sweeping motion so that the entire bowl surface develops a wet appearance, but stop before droplets form.



**Step 7** Blot dry any drips or puddles in the bowl with a clean soft cloth or lens tissue. Avoid wiping or rubbing the bowl surface.



**Step 8** Wait until the IPA70 dries (approximately 5 - 10 minutes).

**Step 9** Remove paper coverings. Raise trial lens holder if needed for next test.

**Step 10** The HFA is now ready for testing the next patient.

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## References and Material sources

*Note: These are suggestions of materials sources, not a requirement for specific models.*

### Fine Misting Sprayers:

- <https://www.amazon.com/Continuous-Misting-Sprayers-cleaning-Planting>
- <https://www.amazon.com/Beautify-Beauties-Flairosol-Empty-Bottle>
- <https://www.walmart.com/ip/Hairdressing-Spray-Bottle>
- <https://www.amazon.com/Essential-Refillable-Atomiser-Perfume-Cleaning>

For additional resources on COVID-19, please visit our **MED Support now** website, [www.zeiss.com/med-support-now](http://www.zeiss.com/med-support-now)

### Paper cover templates:

Print the next two pages on separate pieces of paper to use as templates for your Chin Rest and Forehead Rest covers.

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2<sup>nd</sup> fold line

**Chin Rest / Electronics Cover**

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1<sup>st</sup> fold line

(5"; 20 cm)

this part into bowl





this part into bowl behind headrest

### Forehead Rest / Optics Cover

