

VeriPulse[®]iOS

Sterilization and care of the VeriPulse IOS and components guide.

1. Scan tip

The VeriPulse IOS scan tip is the portion of the scanner that is used while scanning a patient's mouth. The tip can be reused but must be cleaned and sterilized between patients to avoid cross-contamination.

- Clean the tip using warm soapy water, and inspect the mirror found in the tip. If the mirror appears stained, smudged or has a milky haze, repeat the cleaning process using warm soapy water. Carefully dry the mirror with a paper towel.

- Place two nonwoven 2x2 gauze into the tip covering the mirror, this is done by folding the gauze together into fours. This is done to protect the mirror and to keep water spots from occurring during sterilization.

- Place the tip into a sterilization pouch and seal it. Make sure the pouch is airtight by using a self-adhesive pouch or a heat-sealed pouch.

- Sterilize the wrapped tip in an autoclave with the following conditions:

- At 121°C(249.8°F) for 30 minutes, and dry for 15 minutes
- New tips must be cleaned and sterilized/autoclaved before every use.
- Each scan tip can be re-sterilized up to 250 times, after which it should be disposed.

Caution

- DO NOT use cold sterile methods to sterilize scan tips.

- Cold Sterilize solution will leave the mirror inside the scan tip cloudy and sticky.
- Using any other method besides autoclaving does not guarantee the sterilization of the tips.

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2. Scan Tip Mirror

If the mirror in your scan tip is contaminated, it may result in a bad scanning experience or poor scan quality. To clean the mirror, follow the recommended steps below.

- Remove the scan tip.
- Apply alcohol to a clean cloth or cotton-tipped swab and wipe the tip mirror until it is clean.
 - Make sure to use only alcohol that is free of impurities such as ethanol or propanol (ethyl-propyl alcohol) to avoid staining the mirror.
- Wipe the mirror dry with a dry, lint-free cloth to avoid leaving dust and fiber in the mirror.
- Make sure the mirror is free from dust or fibers. Repeat the above process, as necessary.

Caution

- The mirror in the tip should be handled with care. The mirror needs to be clean and free from debris and damage to ensure a quality scan. Be careful not to scratch or smudge it before scanning.
- Do not use disinfectants other than Ethanol (Ethyl alcohol) to clean the mirror in the scan tip.
- Never autoclave a tip that has not been wrapped as this could lead to possible burnt water marks on the mirror. Check the autoclave manual for more information.

3. VeriPulse IOS Handpiece

- Recommended disinfection solution: Cavicide Wipes/Sprays
- Use a Cavicide wipe or Cloth that has been dampened with Cavicide Spray
- After treatment, clean and disinfect all other surfaces of the handpiece except for the front of the scanner (optical window).
- Make sure the device is off before cleaning and disinfecting. Use the device only after it is completely dry.

Caution

- Do not clean the handpiece when the device is turned on as the fluid may seep into the scanner and cause a malfunction.
- Only use the device after it is completely dry.

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4. Other components

- Use a Cavicide wipe or Cloth that has been dampened with Cavicide Spray
- Wipe the component surface with a wipe or cloth that has been dampened.
- Remove liquid with a clean, lint-free, dry, non-abrasive cloth.

5. Scan Tip Disposal

- If the scan tip mirror is starting to show pitting, or any other deviation it is time to dispose the scan tip.
- Dispose of the scan tip as you would dispose of any other clinical waste.