GUIDE TO DISINFECTING AND CLEANING ZEBRA® HEALTHCARE PRINTERS

Introduction

When using Zebra healthcare printers in healthcare environments, patient safety is of paramount importance. Cleaning and disinfecting the printer after each patient visit is essential to prevent the spread of infectious agents that cause disease and to keep the printer functioning properly. Since repeated use of chemical cleaners can have an adverse effect on traditional amorphous plastics, Zebra has built healthcare printers with rugged plastics designed and tested to withstand regular cleaning with all major hospital-cleaning agents for the life of the printer. This document details how to safely clean the printer on a regular basis.

Approved Cleaning Agent Ingredients

The cleaning agents used to disinfect and clean the printer must contain one of the active ingredients listed below:

- Isopropyl and Ethyl alcohol (including wipes)
- Ammonium
- Hydrogen peroxide
- Phosphoric acid
- Bleach/sodium hypochlorite
- Mild dish soap

Note: It may be dangerous to combine some or all of the chemicals listed above. As such, always follow the prescribed directions on the approved cleaning agent from the list below.

Approved Cleaning Agents

Alcohols:

- Ethanol (ethyl alcohol)
- Isopropanol (isopropyl alcohol; IPA) 70%
- Isopropyl alcohol
- Super Sani-Cloth® (PDI)
- Sani-Cloth® Plus (PDI)
- Alcohol Prep Pads (PDI)
- CaviWipes™ (Metrex)
- Windex® Blue (S.C. Johnson)
- CaviCide® (Metrex)
- Viraguard® (Veridien)

Hydrogen Peroxide/Acid:

- Hydrogen peroxide
- Oxivir® Spray (Diversey)
- Virex® 5 Wipes (Diversey)
- CidexPlus® (Johnson & Johnson)
- Lysol® Healthcare
- Wescodyne®

Ammonium:

- Ammonium Chloride
- 409® Glass and Surface Cleaner (Clorox)
- Virex® 256 (Diversey)
- Sani-Cloth® HB (PDI)
- MadaCide-1 (Mada Medical)
- Super HDQ® L 10 (Spartan)

Bleach:

- Dispatch® (Clorox)
- Bleach/sodium hypochlorite solution
- Cloro-Wipe® Towelette (Surgipath)
- Clorox® Healthcare Dispatch
- Sani-Cloth Bleach* (PDI)

Soap/Saline:

- Saline 10%
- Ethylene Glycol
- Mild dish soap

Active ingredients or cleaning agents not listed above should not be used unless otherwise specified by Zebra Product Management.

Chemicals Known to Damage Plastics

The following chemicals can potentially damage the plastics on Zebra Healthcare printers and should not come in contact with the printer:

- Ammonia solutions
- Acetone
- Ketones
- Ethers
- Aromatic and chlorinated hydrocarbons
- Aqueous or alcoholic alkaline solutions
- Ethanolamine
- Toluene
- Trichloroethylene
- Benzene
- Carbolic acid

Note: Some common hand sanitizers used in the healthcare environment may contain some of the harmful chemicals listed above. Please dry your hands completely before handling the printer to prevent inadvertent contamination and damage to the plastics.

Regular Cleaning and Disinfecting

The following steps should be taken by healthcare workers in order to disinfect their mobile printer after each patient visit.

Caution • Do not spray or spill any liquid on the printer or allow liquid to pool up on any surfaces. Liquids entering the printer can lead to damage of the sensitive printer electronics.

1. Cleaning the printer display

a. Do not allow any abrasive materials to touch the display.

b. Remove any dirt particles with a damp cloth.

c. Wipe the display window using a soft, non-abrasive cloth moistened with one of the approved cleaning agents.

d. Do not spray cleaning fluids directly onto the display window.

e. Do not let liquid pool around or on the display window.

f. After cleaning, dry the display with a soft, non-abrasive cloth to prevent streaking.

2. Cleaning the printer housing

a. Never apply cleaning agent directly to the printer.

b. Dampen a soft cloth with one of the approved cleaning agents. Do not saturate the cloth, which could lead to excess liquid entering the printer.

c. Gently wipe all plastic surfaces thoroughly.

d. Do not wrap the printer in the pre-moistened cloth.

e. If necessary, use a cotton-tipped applicator to reach tight areas.

3. Cleaning the printer keypad

a. Dampen a soft cloth as previously described.

b. Be sure to clean the printer keys, and if necessary in between the keys, using a cotton-tipped applicator.

4. Drying

a. Let the printer air dry before use.

©2017 ZIH Corp. Zebra and the Zebra head graphic are trademarks of ZIH Corp, registered in many jurisdictions worldwide. All rights reserved.
All other product and service names are the property of their respective owners.

P1066640-001 Rev. B
(06/17)