

# 3M™ True Definition Scanner Wand



Cleaning and high level disinfection are two distinct procedures required to reprocess the 3M™ True Definition Scanner wand for safe reuse.

## Step 1: Wand Cleaning

✓ **Meets regulatory agencies' requirements**

1. Use fresh gloves prior to unplugging and cleaning.
2. Unplug the wand using the boot (textured portion) of the connector and loop the cord to make it portable.
3. Rinse wand surface under running tap water (~22°C/72°F) for one minute without getting cable strain relief or USB connector wet.
4. Wipe wand surface for thirty seconds with a soft, non-abrasive wipe wetted with an enzymatic detergent solution.
5. Discard wipe into biohazard waste.
6. Rinse wand under running tap water for one minute without getting cable strain relief or USB connector wet.
7. Dry with clean, non-abrasive, lint-free wipe and allow to dry completely.
8. Inspect wand for any visible contamination. If needed, repeat cleaning process.

## Step 2: Wand Disinfecting

✓ **Meets regulatory agencies' requirements**

1. Immerse wand in an appropriate soaking container containing one of the high level disinfectants listed in the table below.  
⊘ **No CaviWipes.**
2. Follow manufacturer's instructions for use and label information for disinfectant used. Note prescribed soak times.
3. After soaking, rinse wand under running water for one minute.
4. Dry with clean, non-abrasive, lint-free wipe and allow to dry completely.
5. Before use, reconnect the wand by plugging wand connector into USB port.
6. To keep wand clean prior to next use, a barrier sheath is recommended.

## Step 3: Pre-Use Check

After disinfection and before using the 3M™ True Definition Scanner, we recommend a dental professional perform a visual check of the system. Look for cracks in the wand or cable, severe kinks in the cable, metal discoloration, corrosion or damage of any kind. Check to make sure the wand and lens are clean.

## Disinfectants for high level disinfection of the wand

Active Ingredient Minimum Concentration	Examples of Tradenames*	pH Range	Directions for Use
0.55% Ortho-phthaldahyde (OPA)	Cidex® OPA, Rapicide® OPA, Metricide™ OPA	7.2-7.8	Follow disinfectant label instructions for soak time and conditions
2% Glutaraldehyde	Dentasept® Ultra, Metricide™ Plus 30, ProCide-D® Plus, Aldahol® HLD	6.5-10	Follow disinfectant label instructions for soak time and conditions

\*High level disinfection validations were conducted for the 3M True Definition Scanner Wand using Cidex OPA, Dentasept Ultra and Metricide Plus 30. If these are not available, determine a compatible equivalent disinfectant based upon regulatory clearance (high level disinfectant), equivalent or higher active ingredient concentration and listed pH range.

⚠ **Failure to adhere to the proper protocol listed in the steps above, may lead to improper disinfection and potential cross contamination hazards.**



# 3M™ True Definition Scanner, Cart and Mobile Edition

Cleaning and intermediate level disinfection are two distinct procedures required to reprocess the 3M™ True Definition Scanner for safe reuse.



## Step 1: Cleaning

### ✓ Meets regulatory agencies' requirements

1. Remove visible debris with warm water on a soft cloth immediately after use.  
Note: The 3M™ True Definition Scanners do not need to be shut down for cleaning.
  2. Use fresh gloves prior to unplugging and cleaning.
  3. Wipe surfaces with Birex SE<sup>1</sup> using a soft cloth or Caviwipes/Caviwipes AF or equivalent detergent.
- ⊘ DO NOT use isopropyl alcohol on the cart touchscreen.
  - ⊘ DO NOT use window cleaner or other chemical cleaners on touchscreens.
  - ⊘ DO NOT apply liquids directly to any surfaces of the systems.

## Step 2: Disinfecting

### ✓ Meets regulatory agencies' requirements

1. Thoroughly wipe surfaces with Birex SE<sup>1</sup> using a soft cloth or Caviwipes/Caviwipes AF or an equivalent intermediate level disinfectant wipe. See Diagram on the right and table below for the appropriate solutions for the Cart and Mobile Edition.
2. Follow disinfectant manufacturer's instructions for application and wet contact time.
3. Dry surfaces with a soft, lint-free cloth.

### ● CaviWipes™ AF<sup>2</sup>

To avoid normal film buildup associated with CaviWipe AF, wipe the surface with warm water after use.

### ● CaviWipes™

### ● Birex SE®



## Disinfectants for intermediate level disinfection of cart and tablet

Active Ingredient	Tradename <sup>3</sup>	Basic Directions for Use (Follow disinfectant label instructions for wet contact time and conditions)
0.28% Diisobutylphenoxyethyl dimethyl benzyl ammonium chloride, 17.2% Isopropanol	Cavicide™	Wet contact time of 3 minutes at 20°C (MOBILE ONLY)
Diethylene Glycol Monobutyl Ether	Cavicide™ AF	Wet contact time of 3 minutes at 20°C
7.7% Phenylphenol, 7.6% p-tertiary-amylphenol	Birex SE®	Wet contact time of 10 minutes at room temperature



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<sup>1</sup> Birex SE diluted according to the manufacturer's recommendations may be used to disinfect the touchscreen and bezel, but Birex wipes should not be used as the ingredients are incompatible with the touchscreen.

<sup>2</sup> CaviWipes™ AF are an alcohol free quaternary ammonium wipe. CaviWipes™ may also be used on the cart, except for the touchscreen which does not allow use of isopropyl alcohol for cleaning or disinfecting.

<sup>3</sup> Listed disinfectants are not available in all geographic areas; consult your supplier for products available in your area. Equivalent products will have the same active ingredients and be able to kill Hepatitis and Tuberculosis.

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