



INTELLISENSE DRILL TECHNOLOGY®
Decontamination Guide

Manual Cleaning Procedure

1. Clean the INTELLISENSE® Drill Technology prior to use.
2. Use proper PPE during the cleaning process.
3. Remove drill bit and dispose of per standard, facility protocol.
4. Remove Depth Sensing Arm (DSA), drill chuck, spring stop and spring.
5. Place the attached cap onto the end of the power cord.
6. Actuate movable parts throughout all phases of decontamination to ensure that no soil remains in areas exposed once actuated.
7. Throughout all phases of decontamination, pay special attention to crevices and hard to reach areas of the item such as behind the triggers, around the chuck release and DSA release, cord connection to the drill body, and the end of the power cord.
8. Saturate and wring out a clean, lint-free cloth that has been moistened with cold tap water. Use this cloth to remove all gross soil from the power cord. **DO NOT ALLOW THE POWER CORD END TO COME IN CONTACT WITH RUNNING WATER.**
9. Rinse all other items, excluding the power cord, under cold running water. **DO NOT SUBMERGE THE DRILL BODY.**
10. Using warm tap water, prepare a triple enzyme detergent solution, such as Endoxime® AW Triple Plus with APA or equivalent, per the manufacturer's recommendations at ½ oz./gal. **DO NOT SUBMERGE ANY ITEMS IN THE DETERGENT SOLUTION.**
11. Saturate and wring out a clean, lint-free cloth that has been moistened with the detergent solution. Use this cloth to remove all gross soil from the drill body and power cord, DSA, drill chuck, spring and spring stop.
12. Use a soft bristle brush wetted with the detergent solution to remove all gross soil from the items. Brush over and through all surfaces and cannulations.
13. Use an appropriately sized pipe cleaner brush wetted with the detergent solution to brush the cannulated areas of the items.
14. Rinse the items with warm running tap water.
15. Dry the items thoroughly with a clean, lint-free cloth.
16. Dry cannulated areas with pressurized air (≤ 20 psi).
17. Visually inspect the item for soil. Shine a light into the cannulated areas if needed. Repeat the cleaning procedure until no visible soil remains.
18. Place all components of the INTELLISENSE® Drill Technology into their provided sterilization tray.

Automatic Cleaning Procedure

1. Clean the INTELLISENSE® Drill Technology prior to use.
2. Use proper PPE during the cleaning process.
3. Remove drill bit and dispose of per standard, facility protocol.
4. Remove Depth Sensing Arm (DSA), drill chuck, spring stop and spring.
5. Place the attached cap onto the end of the power cord.
6. Saturate and wring out a clean, lint-free cloth that has been moistened with cold tap water. Use this cloth to remove all gross soil from the power cord. **DO NOT ALLOW THE POWER CORD END TO COME IN CONTACT WITH RUNNING WATER.**
7. Use a soft bristle brush to remove all gross soil from the items. Brush over and through all surfaces and cannulations. Actuate movable parts throughout this phase of decontamination to ensure that no soil remains in areas exposed once actuated.
8. Load items into a washer-disinfector in a way that allows the articles to drain.
9. Select appropriate settings to ensure the set of decontamination cycle parameters, shown in the table below, are met.
10. Run the wash cycle.
11. Following the wash cycle, remove the items from the washer-disinfector and allow the cannulated areas to drain.
12. Dry the items thoroughly with a clean, lint-free cloth.
13. Dry cannulated areas with pressurized air (≤ 20 psi).
14. Visually inspect the items for visible soil. Shine a light into the cannulated areas if needed. Repeat the cleaning procedure until no visible soil remains.
15. Place all components of the INTELLISENSE® Drill Technology into their provided sterilization tray.

**ON-SITE DECONTAMINATION
OF THE INTELLISENSE® DRILL
TECHNOLOGY IS REQUIRED,
PRIOR TO USE.**

Automatic Cleaning Procedure Parameters

PHASE	MINIMUM RECIRCULATION TIME (MINUTES)	TEMPERATURE	DETERGENT TYPE & CONCENTRATION
Pre-Wash	2	Cold Tap Water	Prolystica 2x Alkaline 1/8 oz./gal. (or equivalent)
Enzyme Wash	2	Hot Tap Water (approx. $>43^{\circ}$ C)	Endoxime AW Triple Plus with APA 1/2 oz./gal (or equivalent)
Wash 1	2	Heated Tap Water: 60° C	Prolystica 2x Alkaline 1/8 oz./gal (or equivalent)
Rinse 1	2	Heated Tap Water: 60° C	N/A
Drying	15	115.5° C (Set-point)	N/A



MCGINLEY ORTHOPEDICS

ENGINEERING MEDICAL PROGRESS

INTELLISENSE DRILL TECHNOLOGY® *Decontamination Guide*

Controller Cleaning Procedure

1. Clean the INTELLISENSE® Drill Technology controller prior to use.
2. Use proper PPE during the cleaning process.
3. Power OFF the Controller.
4. Disconnect the Drill Cord from the Controller.
5. Place the attached cap onto the end of the drill cord.
6. Disconnect the controller power supply cord from the wall outlet.
7. Disconnect the power supply cord from the controller.
8. Use a new CaviWipe, or equivalent, to wipe down and remove soil from the handle on the back of the controller. Discard the CaviWipe.
9. Use a new CaviWipe, or equivalent, to gently wipe down and remove soil from the front of the touch-screen display. Discard the CaviWipe.
10. Use a new CaviWipe, or equivalent, to wipe down and remove soil from the release knob. Discard the CaviWipe.
11. Use a new CaviWipe, or equivalent, to wipe down and remove soil from the power supply cord. Discard the CaviWipe.
12. Inspect the Controller and power supply cord to ensure they are free from soil. Repeat the decontamination process as needed until no visible soil remains.

CAUTION

AVOID APPLYING EXCESSIVE FORCE ON THE LCD DISPLAY AS THIS MAY CAUSE DAMAGE TO THE COLOR TONE ON THE DISPLAY.

THE POLARIZER COVER ON THE LCD DISPLAY IS SOFT AND EASILY SCRATCHED. HANDLE THIS POLARIZER WITH CARE.

DO NOT USE WATER, KETONE, OR AROMATIC SOLVENTS ON THE TOUCH SCREEN DISPLAY.

DO NOT STERILIZE THE CONTROLLER.

INTELLISENSE® DRILL TECHNOLOGY *Sterilization Guide*

ON-SITE STERILIZATION OF THE INTELLISENSE® DRILL TECHNOLOGY IS REQUIRED, PRIOR TO USE.

Sterilization Requirements

1. Using sequential envelope folding techniques, wrap the sterilization tray containing the INTELLISENSE® Drill Technology in two (2) layers of 1-ply polypropylene wrap (Kimguard KC600 – 510(k) K082554 or equivalent).
2. Select appropriate settings to ensure the set of sterilization cycle parameters, shown in the table below, are met.

Sterilization Parameters	
Sterilizer Type	Pre-Vacuum
Precondition Pulses	4
Temperature	132° C
Full Cycle Exposure Time	4 minutes
Dry Time	50 minutes