

# ScanX Care Reminders

Your ScanX is designed for many years of trouble-free operation. Perform these preventive maintenance tasks as needed to obtain best results.

1. Place Dust Cover over ScanX when not in use.

**Important:** Never use a full-size vacuum or compressed air in any form when cleaning the ScanX.

2. Use a hand-held mini vacuum with soft brush attachment to remove dust from the ScanX exterior or interior as needed. Do not use a blower to remove dust.
3. Cleaning ScanX: Turn off main power switch, disconnect power cord from wall outlet and disconnect USB cable. Wipe outside surfaces with soft cloth or paper towel dampened with a non-abrasive household cleaner. Do not spray solvents or liquid directly on the scanner. Allow to air dry before plugging in.

4. Daily System Cleaning: Use Cleaning Sheet. Clean once each day or more frequently depending upon environment and number of plates processed each day. Use the same sheet all week or until dirty, whichever comes first.

- Turn ScanX on. Select the 5 LP/mm resolution mode in the software program (Extraoral Standard).
- Remove Cleaning Sheet from box. Peel away release liner. See Fig. 1.
- Hold Cleaning Sheet on the short edges with the tacky side facing ScanX. Avoid pressing tacky side of the Sheet against ScanX inlet.
- Align the curl of the Cleaning Sheet with the ScanX inlet and while slightly leaning Cleaning Sheet away from the inlet, insert leading edge sheet. See Fig. 2.
- Tilt Cleaning Sheet towards the ScanX while gently pushing Cleaning Sheet into the inlet slot until the transport mechanism grasps the sheet.
- Allow Sheet to run through ScanX and completely exit the transport.
- If cleaning sheet appears clean enough for re-use, store it by placing the sheet with tacky side down onto the glossy side of the reusable blank sheet provided. See Fig. 3.

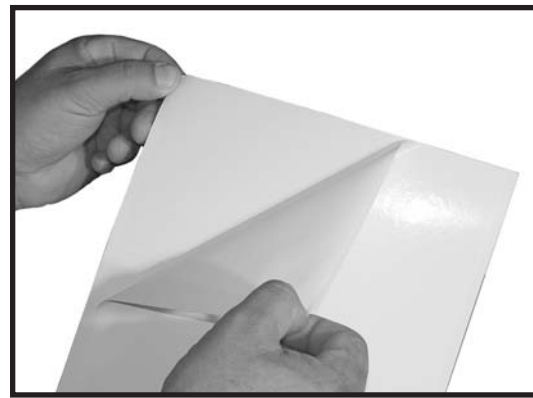


Fig. 1



Fig. 2

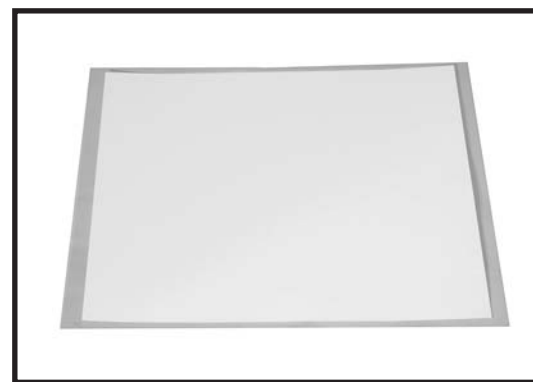


Fig. 3

5. Cleaning Phosphor Storage Plates: Handle plates carefully. Avoid scratching. Keep plates dust-free.
  - For remaining stains, dampen lint-free gauze in anhydrous denatured alcohol and wipe using same motion as above.
  - Be sure PSP is completely dry before use.

6. Cleaning Plate Protectors: Clean protector by blowing with a stream of air, or wiping with a cloth and cleaning solution or use soap and water. Dry before use. Be sure to clean the inside of the folds of the plate protectors.

## As Required Perform Transport Arch Removal and Cleaning:

1. Turn off ScanX power switch. Unplug power cord and USB cable.
2. You will need: A long Phillips head screwdriver, hand-held mini vacuum with soft brush attachment, soft-tip tweezers, soft bristle brush.
3. Removing the Transport Covers. See Fig. 4.
  - Use Phillips screwdriver to remove the 3 screws holding the two halves of the Transport Cover together. The center screw requires many turns.
  - Important: A ribbon cable is connected to the interior of the inlet side Transport Cover. Hold the inlet side Transport Cover to prevent damage to the connected ribbon cable.
4. The two covers should separate easily once the 3 screws are removed. See Fig. 5.
  - Remove the outlet side cover making sure to hold the inlet side cover.
  - As shown in Fig. 5, hold and tilt the inlet side cover to gain access to the connected ribbon cable. Note connector orientation and disconnect the ribbon cable. See Fig. 6
5. Remove the Transport Arch: See Fig. 7. Use a Phillips screwdriver and remove the 4 screws (2 screws each side) attaching the Transport Arch assembly to the Scanner.
  - Important: The Arch assembly is plugged into the Scanner with two guide pins and D-Type mating connectors. Be careful when disconnecting and removing the arch to prevent damage to the connectors.
6. As shown by Fig. 8, grab the top of the Transport Arch assembly and carefully pry it from the mating connectors on the top of the Scanner. Pull the Arch assembly upwards and away from the Scanner exposing the Transport Rollers.
7. Inspect the Transport Arch assembly and Transport Rollers for any debris. Also check the scanning slit and the brushes. Use extreme care never to blow any dirt, hairs or other debris into the unit. Never insert anything into scanning slit.
8. Transport Arch and Transport Rollers Cleaning:
  - Use a hand-held mini vacuum with a soft brush attachment to remove debris on transport rollers, arch and brushes. Use a lint-free cloth lightly dampened with anhydrous denatured alcohol to clean deposits from the rollers and belts on the arch. Use a brush and/or tweezers to remove hairs that are stuck in between assemblies or the slit.
9. Carefully reinstall the transport arch. See step 5 above.
10. Install the Transport Covers:
  - Refer to Fig. 6. Connect PCB Cable to the right-side Transport Cover PCB Connector.
  - Install Transport Covers onto the Transport Arch. Keep the loop of Ribbon Cable away from mating screw holes (See Fig. 5) to avoid piercing cable.
  - Install all 3 screws (see Fig. 4) into the Transport Cover.
11. Perform the Check Scanner Operation:
  - Reconnect USB cable and electrical power.
  - Turn ScanX on.
  - Use ScanX Diagnostic Software to check all functions.
  - If unit passes this process, initialize the ScanX System for scanning normal images using the user's imaging software.
  - Scan one sample image.
  - If scanned image appears normal, return ScanX to use.

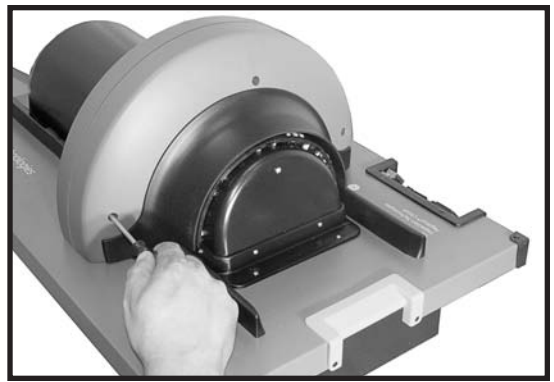


Fig. 4



Fig. 5

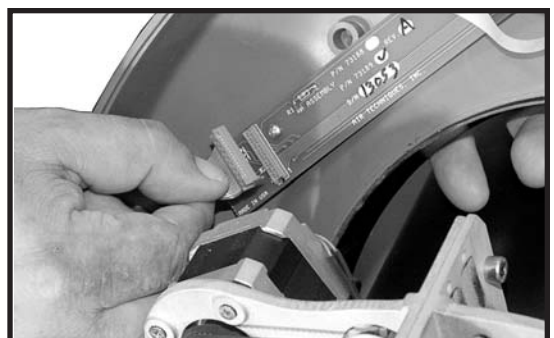


Fig. 6



Fig. 7

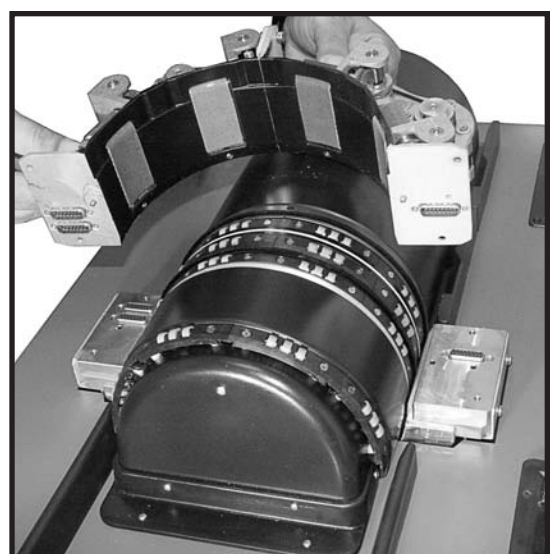


Fig. 8