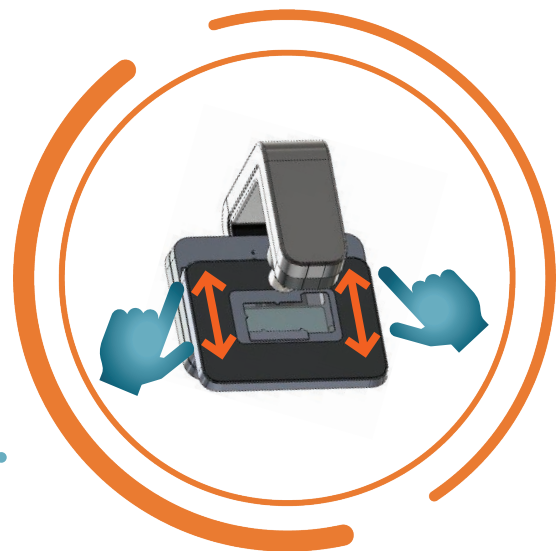# Routine Cleaning Guide

vetscan IMAGYST™

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Routine Cleaning

1. **Turn off** the scanner by pressing the button

2. Remove the **power cable** and the **network cable** from the scanner
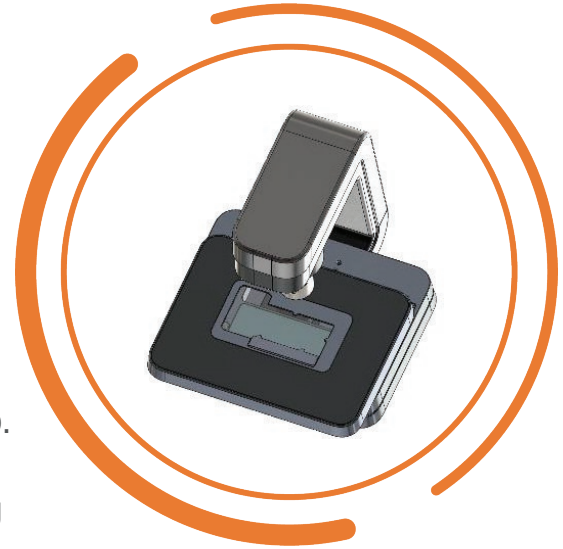
3. **Slide** the **topmost plate** to the **front**

4. **Wipe** all **surfaces** with a **soft, damp, gauze swab and distilled water.** Use cotton swab with distilled water for cleaning the edges

5. **Dry** all surfaces with a s**oft, damp, gauze swab or Kimwipes**™

6. **Slide** the **topmost plate** back to its normal position

7. Place a **protective cloth** on the **glass** beneath the **objective**

8. You can first try to clean the objective in place, using a microfiber cloth. If necessary, try adding **warm distilled water** to the **cloth or using a cotton swab**

IMPORTANT: Never pour or spray any liquids directly on the scanner

9. **Connect** the **cables** and **switch the scanner on**

10. Verify by completing the scan again and validating the images If the scans are still blurry follow the **In-Depth Cleaning** procedure

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In-Depth Cleaning

1. **Turn off** the scanner by pressing the button

2. Remove the **power cable** and the **network cable** from the scanner

3. **Slide** the **topmost plate** to the **front**

4. **Remove** the **black casing on the cover plate** and wipe clean with a **soft damp, gauze swab**

5. **Wipe** all surfaces with a **soft, damp, gauze swab**. You can use a **microscope cleaner.** Use cotton swab with distilled water for cleaning the edges

6. **Replace** the **top plate cover**

7. **Slide** the **topmost plate** back to its normal position

8. **Connect** the cables and **switch the scanner on**

9. **Verify by completing the scan again** and validating the images:

   a. The initial scan after cleaning produces a good clear image

   b. The live view from the camera produces good quality image

   c. Scanning of a know sample slide produces good quality image

10. If the quality is still poor, redo all steps and use **Isopropyl Alcohol** for the cleaning and follow the In-Depth Cleaning procedure for the objective
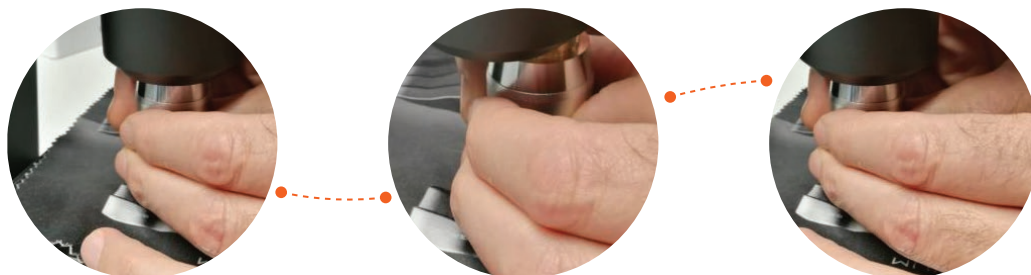
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In–Depth Cleaning the objective

Should the objective become dirty as a result of faecal sample material or immersion oil, perform these steps to clean it:

1. **Turn off** the scanner by pressing the button

2. Remove the **power cable** and the **network cable** from the scanner

3. Place a **protective cloth** on the **glass** beneath the **objective***

4. You can first try to clean the objective in place, using a microfiber cloth. If necessary, try adding **warm distilled water** to the **cloth or using a cotton swab**

IMPORTANT: Never pour or spray any liquids directly on the scanner

5. If the **objective** does not come clean, carefully unscrew it

6. **Use the microfibre cloth and warm distilled water to clean the lens**

   1. **IMPORTANT:** To clean immersion oil from the lens, use warm distilled water, isopropyl alcohol or suitable microscope cleaning fluid. Use isopropyl alcohol or wipes sparingly
   2. **IMPORTANT:** Using **acetone or xylene** to clean the lens may **damage it**; however, if the lens is covered with glue/adhesive, cleaning the lens may require using stronger cleaners*

7. Use a **bulb syringe** to remove any dust from the lens and scanner

8. Replace the objective by gently screwing it back in place

IMPORTANT: Do not forcefully screw the objective back onto the scanner

9. Remove the cloth covering the glass, replace the power cable, replace the network cable, and **turn the scanner on**

10. Check the scanner by running a **test scan**

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