

Quick Reference Guide

Running a patient sample

1. From the Home screen, scan the sample cassette bar code.
2. Wipe both sides of the cassette with a clean, dry cloth. Insert the cassette into the sample measurement chamber (SMC), and close the cover.
3. Tap **STAT**, **Last Patient**, or **New Patient**. Enter the patient information, and then tap the **Back** arrow.
NOTE: Patient information can be entered before, during, or after the sample analysis.
4. Mix the patient sample and expel any air bubbles. Attach it to the sample cassette. Tap **OK**.
5. Read the results.
6. Remove and discard the sample cassette. Close the SMC cover.

Running Standard Reference Cassettes (SRCs)

1. From the Home screen, tap **QC Manager**, and then tap **SRC**.
2. Scan the bottom bar code on the SRC package by holding it 2–3 inches (5–8 cm) from the bar code scanner located on the bottom-right corner of the analyzer.
3. If prompted with “WARNING! - New SRC Lot,” tap **Continue**, select the desired levels, and tap **OK**.
4. Examine the SRC to ensure it is clean, and then press down to insert it into the chamber.
5. Close the sample measurement chamber cover.
When the measurement is complete, the unit displays the results.
6. Remove the SRC and return it to its foil package.

Running quality control using OPTI* CHECK Control

1. From the Home screen, tap **QC Manager**, and then tap **Control**.
2. Select the desired level and tap **OK**.
Note: If a new lot number of QC material is used, make sure the ranges have been entered into the system prior to running a sample.

3. Scan the bar code on the sample cassette package.
NOTE: Use the most comprehensive sample cassette in your inventory.
4. Wipe both sides of the sample cassette with a clean, dry cloth. Insert the cassette into the SMC, and close the cover.
5. Invert the quality-control ampule for 10 seconds, then open it and immediately attach it to the sample cassette's syringe adapter. Tap **OK**.
6. Read the results, and then tap the **Back** arrow. Accept or reject the results.

Cleaning and maintenance

Daily

Run an SRC measurement using level 1, 2, or 3. Running both levels 1 and 3 is recommended.

Weekly

Clean the SMC, including the optics surface and underside of the SMC cover, with a lint-free cloth that has been dampened with isopropyl alcohol. A cotton swab can be used to clean the smaller parts of the SMC.

Monthly

Run quality-control level 1, 2, or 3 using the most comprehensive sample cassette in your inventory. We recommend that you use a different level of control each month.

Quarterly

Run the hemoglobin calibration cassette (HbCC) to calibrate the hemoglobin channel.

Annually

Replace the peristaltic pump cartridge and the gas I/O port seal.

As needed

Clean the exterior surfaces using a soft, lint-free cloth dampened with either a 10% bleach solution or isopropyl alcohol.

Clean the bar code scanner using an alcohol prep pad or a lint-free cloth dampened with isopropyl alcohol.