

HemoCue Hb 201 DM

General Maintenance Instructions

Overview

Each time the instrument is turned on; it will automatically verify the performance of the optronic unit. If the test fails, the instrument will display an error code. There is a trouble shooting guide at the back of the User Manual which identifies these codes. E02-E05 usually indicate that the analyser requires cleaning.

Regular maintenance of the instrument will ensure that the instrument performs at its best.

Maintenance

Analyser cleaning:

Cleaning of the exterior of the analyser can be performed with an alcohol swab as it is deemed necessary.

HemoCue recommends that the internal cleaning process (by removing the cuvette holder) is performed after every 50 samples (approximately).

1. Make sure the instrument is turned OFF. The display should be blank.
2. Open the cuvette holder (black slide arm) into its loading position. Look for the tiny "dimple" in the top right hand corner of the cuvette holder. Gently depress this "dimple" with either a pen tip or your finger, while at the same time gently pulling the slide arm outwards towards the left of the instrument. This releases the slide arm from the instrument.
3. Wash the cuvette holder in warm soapy water and rinse with clean water, or alternatively, clean the cuvette holder with an alcohol wipe.
Once clean, leave cuvette holder to dry naturally before reassembling.
4. Cleaning of the optronics unit:
 - a) Take a HemoCue cleaning stick (item number 139123 packet of 5, available from Radiometer Pacific). Ensure that the cleaner stick is within its expiry date and that the white padded tip is MOIST. Gently insert it into the right hand side of the cuvette holder opening in the instrument.
 - b) Gently move it sideward to the left and with a swirling/sweeping motion move the cleaning stick around from right to left to clean the optronics unit. (Particularly the left side where the optronic unit is.)
Repeat until the optronics unit is clean.
 - c) Remove the cleaning stick from the instrument from the RIGHT hand side of the cuvette holder opening in the instrument.
 - d) Leave open for about 15 minutes to dry, before reassembling.
5. Reassembling the instrument. Insert the cuvette holder into the cuvette holder opening in the instrument, **ensuring** that the cuvette holder firstly hinges over the "silver hinge" in the instrument before closing the cuvette holder gently.