SYSTEM OVERVIEW

Analytical module: 5 independent sections of 6 slots

HOW TO TURN ON VIDAS?

- Switch on the UPS then VIDAS® analyzer with the power switch locate on the back of the analytical module.

- Allow the VIDAS® analyzer to warm up for 45 minutes.
- Switch on the printer, the screen and the computer.
- Wait for the Windows® welcome window to appear and enter the user’s name and password.
- After 2 or 3 minutes waiting, double click the VIDAS® PC icon.
- After the 45 minutes warm-up phase, turn the VIDAS® analyzer power switch to OFF.
- Wait 1 minute and turn it ON again.

This operation enables the standard value to be memorized after the temperature has stabilized.

Trick: barcode wand must be plugged when system is OFF.

HOW TO PERFORM A CALIBRATION?

1. Read the MLE bar code
   Integrate factory data into the instrument
   When using a new lot

2. Calibrate
   Adjustment of the instrument to the factory data
   Every 14 or 28 days

3. Control
   Check calibration and ensure that reagent performance has not been altered
   After each calibration
   When using a new kit

HOW TO SCAN MLE DATA?

In the Calibration menu, select.

Select Scan Master Lot.

Then

Finally

When the windows pop-up, scan the MLE barcode on the reagent kit label using the barcode reader: slowly scan the barcode from top to bottom until the code has been read completely.

The MLE Card is then automatically printed.

Refer to VIDAS® user’s manual for detailed data.

**HOW TO CREATE AN ANALYSIS REQUEST (patient and/or calibration/control)?**

1. For a patient: enter the patient’s barcode or name. For Calibration/Controls: created automatically when a patient is created or enter manually “S”.
2. Enter the VIDAS® test code
3. Click to confirm the request or click F10.
4. The Reserve box (checked) saves requests in the Predefined sections (recommanded)

The Reserve box (checked) saves requests in the Predefined Section to be run. Request are also stored in any instruments connected to a LIS. To transfer the selected patient analysis requests from a Predefined Section, click.

**HOW TO DELETE AN ANALYSIS REQUEST**

To delete an analysis request for a patient, control or calibrator, transfer them from the Predefined.

Section to the Job List, click , then select the analysis requests for the patient, control or calibrator you want to delete and put them in the Bin,

A window will pop-up asking you to confirm whether you really want to delete them.

**HOW TO MODIFY AN ANALYSIS REQUEST**

To modify an analysis request for a patient before running the series of analyses, select the patient from the Predefined Section or the Job List, make the necessary modifications,

...to save the modification(s).

**HOW TO RESERVE A COMPARTMENT**

Click on the number of th Predefined Section to be run, the first compartment is reserved.

To use a specific compartment, click on it, a window pop-up, select the section number you want and

...become

Refer to VIDAS® user’s manual for detailed data.
**HOW TO RUN A SERIES OF ANALYSES**

**click** on the VIDAS® 1 or 2 icon

*Insert the SPR*’s and strips, distribute the samples.*

*To run each compartment one by one, for example the compartment A,* **click**

*To run compartment simultaneously, **click**

*To go back to the loading menu, **click**

Refer to VIDAS® user’s manual for detailed data.

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**HOW TO CORRECT ERRORS**

**click** on the ERR compartment in the VIDAS® status bar.

*Click on the error in the instrument Menu and read the explanation*

*To correct an error, **click** type in the barcode and start over*

*In case of other errors (MLE data, instruments, etc) , select them for more details, make any necessary corrections, and delete them by clicking on***
**INSTRUMENT MENU**

1. Display the status of compartments (free, occupied, disconnected or in error) by selecting a compartment in this menu, you can:
   - stop it immediately
   - reset it
   - clear it

2. Display test content in each loaded compartment

3. View the error menu

**HOW TO VIEW A RESULT**

- click
- enter the end date and duration of the interval,

**HOW TO PERFORM USER MAINTENANCE?**

**Monthly:**
- Cleaning of the SPR® block
- Cleaning of the two optical lenses
- Performing VIDAS® QCV test

**Every 6 Months:**
- Cleaning of the reagent strip area

**Yearly:**
- A preventive maintenance has to be done by a bioMérieux representative.
HOW TO PERFORM AND INTERPRET QCV TEST?

Quality Control VIDAS® (QCV) is used to detect abnormal operation of pipette mechanisms which may affect the results of biological tests. It is also intended for checking that the optical system is capable of measuring high fluorescence levels.

- QCV test must be run in EVERY position.
- Place SPR® and strips in each position of each section.

VIDAS® QCV reference 30706

INTERPRETATION OF QCV TEST:

- Check the TV1 value and R3 value for each position.

- TV1 must be >= the value indicated on the kit label.

IN CASE OF OUT OF RANGE RESULTS

- For TV1: If the result of a particular position is outside the range, two new VIDAS QCV tests must be run successively in all the positions in the section concerned. If at least one other non-compliant result is produced in the same section, independent of the position: PUT THE SECTION OFFLINE and Call bioMérieux Technical Support.
- For R3: If the result of a particular position is outside the range: PUT THE SECTION OFFLINE and Call bioMérieux Technical Support.

Refer to VIDAS® user’s manual for detailed data.