

ERVIN DANESH AZMA



ERVIN DANESH AZMA



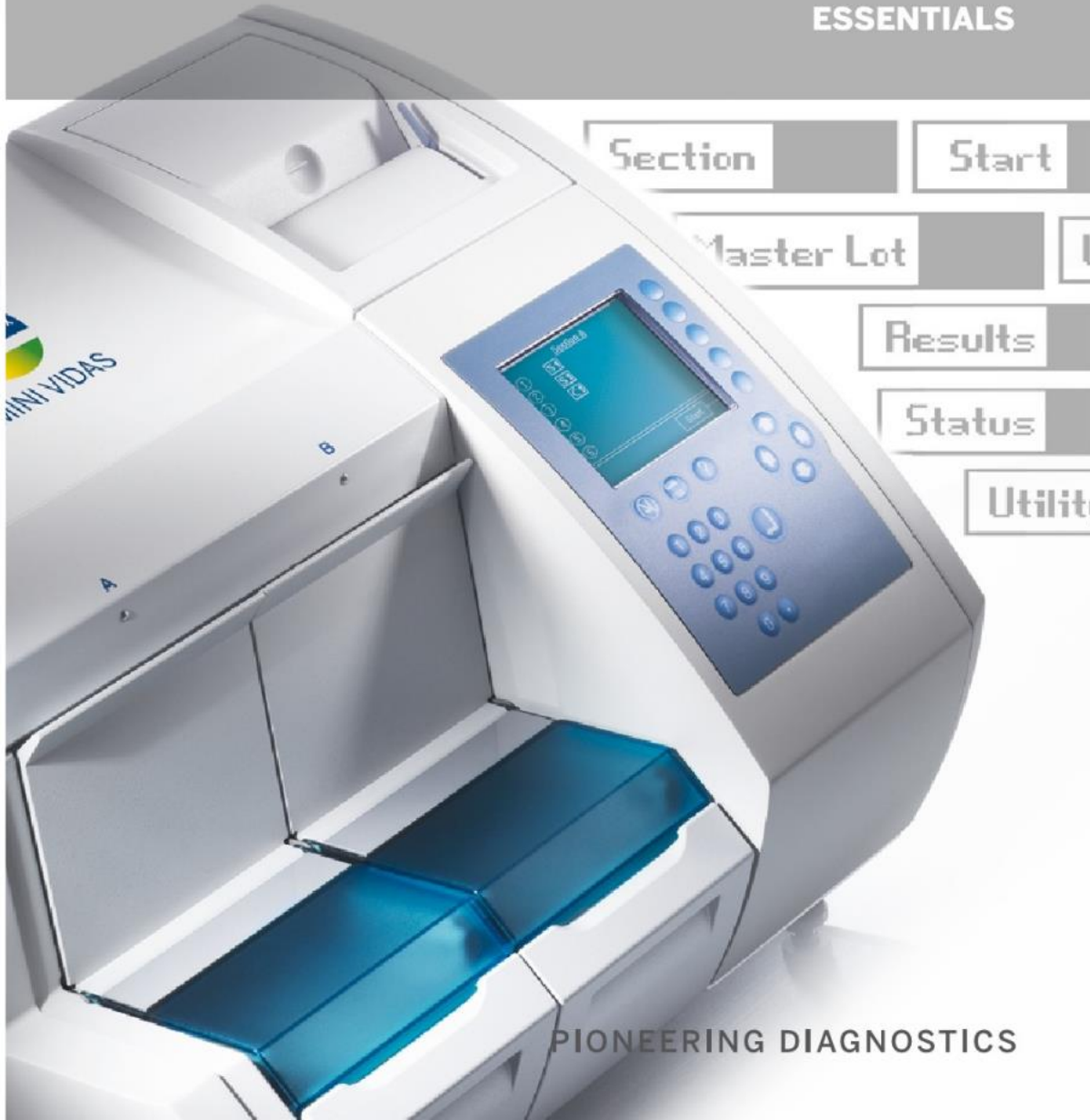
اروین دانش آزما  
Ervin Danesh Azma

✓ خدمات خوب یک اتفاق نیست

BIOMÉRIEUX

# MINI VIDAS<sup>®</sup>

## ESSENTIALS



PIONEERING DIAGNOSTICS

## SYSTEM OVERVIEW



## HOW TO TURN ON MINI VIDAS?

- Switch on the MINI VIDAS<sup>®</sup> with the power switch located on the back of the analytical module.



- Allow the MINI VIDAS<sup>®</sup> to warm up for **45 minutes**.
- During initialization, the optical system automatically calibrates against a standard which reacts to temperature.
- Switch off the MINI VIDAS<sup>®</sup>.
- Wait 1 minute and switch on the system 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.



اروین دانش آزما  
Ervin Danesh Azma  
خدمات خوب یک اتفاق نیست ✓



# MENU OVERVIEW

## MAIN MENU

**Start Section:** To start an analysis as soon as SPR<sup>®</sup>, strips and samples are in position.

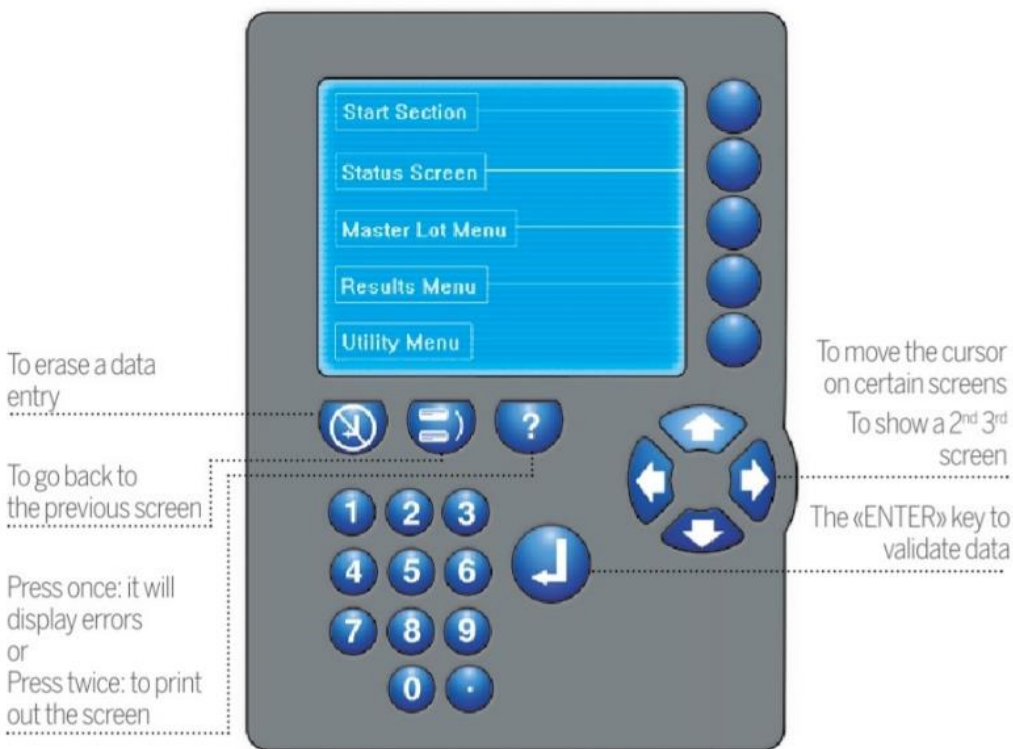
**Status Screen:** To know the status of sections A & B and temperature of SPR<sup>®</sup> and Strip areas.

**Master Lot Menu:** To scan the Master Lot data for any new parameter or new assay lot.

**Results Menu:** Direct access to stored results for validation, print or reprint of assay list.

**Utility Menu:** Configuration of the instrument (e.g.: unit, date & time, user ID, language, printer, barcode wand).

## TOUCH PAD: KEY FUNCTIONS



اروین دانش آزما  
Ervin Danesh Azma  
خدمات خوب یک اتفاق نیست



## 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



When using a new lot  
+  
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

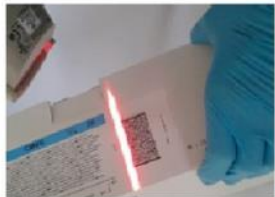
## HOW TO SCAN MLE DATA?

In the **MAIN MENU**, select the **Master Lot Menu**.

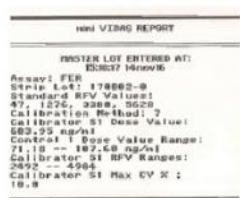


Select **Scan Master Lot**.

Scan the MLE barcode on the reagent kit label using the bar code reader :  
slowly scan the barcode from top to bottom or from bottom to top until the code has  
been read completely.



At the end of the reading,  
"Please wait" is displayed.



The MLE card is then  
automatically printed.



اروین دانش آزما  
Ervin Danesh Azma  
خدمات خوب یک اتفاق نیست



# HOW TO RUN STANDARDS (S) AND CONTROLS (C) FOR CALIBRATION?

In the **MAIN MENU**, select **Status Screen**.



1. Select section **A** or **B**.



2. Select the 1st position  
Typing **1**.



3. Select **S** for the standard,  
or **C** for the control.



4. Type **1** for the standard  
number 1...

THEN PRESS



Repeat this operation for each standard and control used for the test.  
Load SPR®, Strips and distribute Standard and Controls in the strips.



Run the analysis selecting "**START**".



اروین دانش آزما  
Ervin Danesh Azma  
خدمات خوب یک اتفاق نیست ✓



# HOW TO IDENTIFY SAMPLES IN STATUS SCREEN?



1. Select a free section.



2. Type 1.



3. Select Sample ID.



4. Enter the Sample ID \*  
and, if necessary, the dilution factor.

THEN PRESS



AFTER IDENTIFYING  
THE LAST PATIENT,  
PRESS



UNTIL THE WORK LIST  
FOR THE SECTION IS  
DISPLAYED



Then start running the samples (using  
the protocol below).



اروین دانش آزما  
Ervin Danesh Azma  
خدمات خوب یک اتفاق نیست ✓



## Sample identification

(maximum of 12 alphanumeric characters)

Numeric characters are entered using the keyboard.

Alphabetic characters are entered by selecting each character on the screen:



USE THE ARROW PAD.



ON THE KEYBOARD TO MOVE THE CURSOR AND SELECT THE CHARACTERS, THEN VALIDATE THEM ONE BY ONE BY PRESSING.

Sample ID can also be entered by using the barcode wand.





## HOW TO RUN SAMPLES?

Please follow instruction in package insert of the reagent

- If required, leave reagents 30 min at room temperature before use.
- Check the type of sample and pre-process samples if required.
- Place the strip(s) and SPR®(s) into the section indicated on the screen.
- Dispense the sample volume into the sample well of the strip.
- Repeat the same actions for each sample.



1. Select Start.
2. If required, select User ID.
  - Reaction starts: the green LED of the section lights up
  - Reaction ends: the green LED flashes.

Results print out automatically.

At the end, remove the strip(s) and SPR(s) of the section.

## 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



1. Press start (No position identification required).
2. After 20 min, results print out automatically.

## INTERPRETATION OF QCV TEST:

Initial VIDAS Report			
Section: A			
Completed: 0710 14:00:27			
Quality Control VIDAS (QCV)			
Ver: R3-e-0			
Lot#: 150216-0			
Range: 1			
RFU Read 1 to 200			
Error no package insert			
File: 150216-03190			
A1	R1: 40.00	R2: 11.14	R3: 93.49
	TV1: 0.05	TV2: 20.00	
A2	R1: 41.5	R2: 11.61	R3: 73.46
	TV1: 7.05	TV2: 17.70	
A3	R1: 40.0	R2: 11.26	R3: 97.07
	TV1: 7.05	TV2: 19.09	
A4	R1: 41.1	R2: 10.57	R3: 71.16
	TV1: 7.37	TV2: 17.31	
A5	R1: 41.1	R2: 11.57	R3: 74.70
	TV1: 8.65	TV2: 18.17	
A6	R1: 41.1	R2: 11.00	R3: 79.88
	TV1: 7.79	TV2: 17.77	

Quality Control VIDAS®	
LOT	1002903190
STR	150216-0
SPR	DT3
	2015-02-16
TV1	5,8
Test de contrôle du système de pipetage et d'optique de l'instrument VIDAS / 60 QCV STR : 4-Méthyl-ombelliférone / 2 x 30 QCV SPR	
bioMérieux SA Chemin de l'Orme 69280 Marcy l'Etoile - France	

- Check the TV1 value and R3 value for each position.
- TV1 must be  $\geq$  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.**



اروین دانش آزما  
Ervin Danesh Azma  
خدمات خوب یک اتفاق نیست



# اروین دانش آزما

Ervin Danesh Azma



021\_62999800

09100145015\_18



CO.ERVINDANESHAZMA



WWW.ERVINDANESHAZMA.COM