

AQUALAB   
by Addium



Vapor Sorption Analyzer 

# AQUALAB VSA QUICK START

## Preparation

Inspect and verify that all AQUALAB Vapor Sorption Analyzer (VSA) components arrived in good condition.

The VSA needs to be on a stable, level surface in order for the scale to work properly. Locate an area where temperature and humidity remain fairly constant so reading accuracy is not adversely affected. Use the bubble level and adjustable feet on the VSA to verify the instrument is level.

For more information, visit [aqualab.com/vsa-support](https://aqualab.com/vsa-support) or consult the [AQUALAB VSA User Manual](#). All products have a 30-day satisfaction guarantee.

## Maintenance

Keep the AQUALAB VSA sample chamber clean to maintain the accuracy of instrument readings. Refer to the [AQUALAB VSA User Manual](#) for detailed cleaning instructions.

## Software

Using the Moisture Analysis Toolkit (MAT) Installer executable (\*.exe) file (<https://aqualab.com/en/aqualab-downloads/software/>), open the MAT application and click through the installation wizard to download the MAT software.

Please enter registration key exactly as shown (including dashes). Be sure to keep registration key with the instrument. Each key can be used multiple times. Refer to the [AQUALAB VSA User Manual](#) for more detailed instructions.

### ATTENTION

Find a location where environmental temperature and humidity remain fairly stable. Select a flat, level surface and use the adjustable feet to level the instrument.

## Referenced Links

VSA Manual



VSA Support



MAT Download



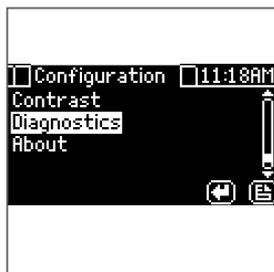
## Installation

### 1. Power Up and Leveling

Turn VSA on and allow it to warm up for 2 hours.

Navigate to the Diagnostics screen in the Configuration menu using UP and DOWN arrow pushbuttons. Press the ENTER pushbutton.

Scroll to the weight screen. Lightly tap the table. Readings should vary no more than 0.5 mg after tapping. If so, the table is probably too unstable for accurate readings.

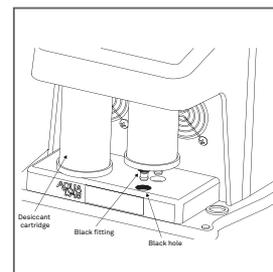


### 2. Install Desiccant Tubes

Lift the tube into the area above the desiccant receiver.

Install desiccant tubes by orienting the black valve insert into the black receiving hole.

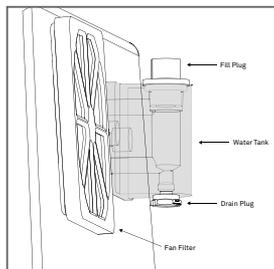
**NOTE:** Use fingers to wet the black valve insert with deionized water before inserting into receiving hole.



### 3. Tank Fill Extension

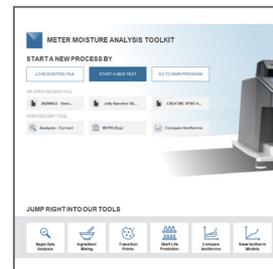
Remove the black plug on the clear plastic tank fill extension located on the back right of the VSA. Fill the tank with deionized water until full. Hand tighten the water fill plug.

**NOTE:** Do Not use a screwdriver on the water fill plug.



### 4. Connect and Begin Testing

Plug in USB cable to a computer, open the MAT software, and connect the device. VSA is now ready to begin testing.



# SUPPORT

Have a question or problem? Our support team can help.

We manufacture, test, calibrate, and repair every instrument in house. Our scientists and technicians use the instruments every day in our product testing lab. No matter what your question is, we have someone who can help you answer it.

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