

Instrument

Frequently Asked Questions

General

What technology does the Solana instrument use?

Solana utilizes an isothermal, helicase-dependent amplification and fluorescent, probe-based detection that is illuminated by an Ultraviolet (UV) and visible light source to generate specific results.

What are the dimensions and weight of the Solana instrument?

The dimensions of the Solana instrument are Height: 150 mm (5.9 in.), Width: 240 mm (9.4 in.), Depth: 240 mm (9.4 in.). The weight of the Solana instrument is 4000 g (8.8 lb.).

What is the Signal Detection of the Solana instrument?

Multiple wavelengths for up to 4 dyes per tube.

What is included with the Solana instrument?

The instrument comes with a Solana instrument, power cord with world adapter, USB cable, User Manual, Workflow Tray, Transfer Rack, printer and labels.

Will I need any other heat blocks to perform the Solana assays?

Depending on which Solana assay you are performing, you may need a 95°C Lysis Block. Please refer to the Package Insert for the specific Solana assay you are performing for additional information.

What type of printers work with the Solana instrument?

A DYMO® printer is included with the Solana instrument.

Are the Solana assays considered to be Moderately Complex?

Yes, the Solana assays are considered Moderately Complex by CLIA.

Can a different language be selected other than English on the Solana instrument?

At this time other language files are not available.

Where is the QC Card Located?

Each assay kit will come with a QC card that will contain barcoded information for the lot number, expiration date and assay type. The QC card will be located in the assay box. It is important that each laboratory establish a policy for managing these cards to limit the chance the wrong card is used for programming the Solana.

How many tests can be run on the Solana instrument at once?

Solana is a standalone instrument which is capable of running up to 12 tubes of Solana diagnostic assays at once.

What Solana assays are currently available?

Contact your Quidel representative or visit Quidel.com for a listing of FDA-cleared Solana assays.

Frequently Asked Questions**How do I unlock the transport lock upon arrival?**

Place Solana on a stable surface. While facing the instrument, tilt Solana left to access the transport lock. Unlock by sliding the lever to the unlock position. Refer to page 12 of the Solana User Manual for more information on how to setup the Solana instrument:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

Where should the Solana instrument be located?

The location of Solana should be preferably on a counter top or other stable surface with enough surrounding space in order to easily insert the Reaction Tubes. In case of emergency or under abnormal operating conditions, the location should also provide, at all times, enough space to easily unplug Solana.

Solana is a highly sensitive and precise optical device. The results may be influenced by vibrations, e.g. if Solana is used too close to vibrating machines. Solana must be used on a stable and leveled surface free of vibrations.

Refer to page 12 of the Solana User Manual for additional information on setting up the Solana instrument: <http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

Does the Solana instrument need to be calibrated?

No. During the booting, the internal check will be automatically performed to ensure that values from internal reference standards are within the defined range. Solana will compare internal settings with an internal solid fluorescence standard. In case of a failure, Solana will show an error and will not be ready for measurement. Refer to page 15 of the Solana User Manual for more information on Internal Check:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

If I put a Reaction Tube into a different well than what I labeled can I still get the data?

The Solana instrument will only read the wells that are selected for testing. Refer to pages 30 to 34 of the Solana User Manual for information on starting a new test:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

How should I dispose of my Reaction Tubes once my run is complete?

The Reaction Tubes are considered a biohazard and should be disposed of according to your facility's guidelines for biohazard materials. Refer to page 8 of the Solana User Manual for additional information on potential biohazards:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

Should I turn Solana off when the run is complete?

Solana will go into sleep mode after 20 minutes and then power off in 2 hours as long as the instrument is not left on the results screen. If left on the results screen, the instrument will stay on. Refer to page 14 of the Solana User Manual for information on turning Solana on and off:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

How will my results be presented by the Solana instrument?

Solana will display the test results to the operator (e.g., Positive, Negative, or Invalid) on the screen. An amplification curve of the target nucleic acids for each test can also be viewed. These results can be automatically printed on an integrated printer if this option is selected, or saved on a USB drive and sent to a LIS if connected. Refer to pages 35 to 39 of the Solana User Manual for information on interpreting results:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

How do I review results?

To review new and previous results, please refer to page 35 to 39 of the Solana User Manual:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

What type of external drive should be used to transfer data?

A USB can be used to transfer information from the Solana instrument to a PC. Instructions for transferring results are located on page 39 of the Solana User Manual:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

How do I transfer or print results? How can I get my results if I've navigated away from the results screen?

To review, print, or transfer results, refer to page 22 of the Solana User Manual:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

How do I upgrade my software or method file?

To upgrade your software or method file, please refer to page 28 of the Solana User Manual:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>

How do I clean Solana?

Solana should be cleaned regularly using a damp cloth. If the dirt is persistent, rub the surface of Solana with a cloth that has been moistened with pure alcohol (isopropanol or ethanol). Do not use aggressive cleaning agents such as acetone. If the inside of Solana is contaminated, please contact Quidel Technical Support at 800.874.1517 (in the U.S.) or 858.552.1100 (outside the U.S.).

For more persistent stains and for disinfecting the instrument, it is possible to clean the surface with a cloth dipped in 10% bleach solution followed by wiping with water. The procedure can be repeated 2 to 3 times. It is also possible to use the 70% alcohol dissolvent to wipe off the remaining traces of bleach.

Spillage of potentially infectious material should be wiped off immediately with absorbent paper tissue and the contaminated areas wiped with 10% bleach solution. Materials used to clean spills, including gloves, should be disposed of as bio-hazardous waste. These instructions can be found on page 40 of the Solana User Manual:

<http://www.quidel.com/sites/default/files/product/documents/UM20278000EN00.pdf>