

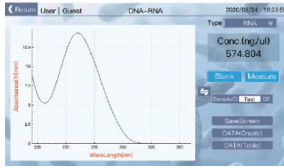


SINGLE BEAM UV VISIBLE SPECTROPHOTOMETER BSNA-402

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ULTRA-MICRO ULTRAVIOLET-VISIBLE SPECTROPHOTOMETER

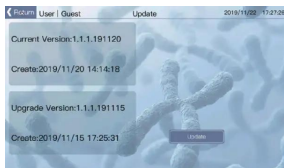
Ultra-micro ultraviolet-visible spectrophotometer is a full-wavelength ultra-micro ultraviolet-visible spectrophotometer. The micro detection mode can be used to detect nucleic acids, micro nucleic acid arrays, pure protein detection, labeled protein detection, protein quantitative detection, microbial cell culture detection and Conventional full-wavelength scanning, cuvette detection mode can measure nucleic acid, protein, microbial cell culture and Kinetic testing.



Measurement interface
Fast and stable operation without delay

The screenshot displays a 'DATA (Table)' interface. At the top, it shows '2019/11/20 17:28:19'. Below this is a table with the following columns: 'Time', 'ID', 'Type', 'Excerpt', 'Conc(ng/ul)', 'OD', 'OD', 'OD', 'OD', 'OD', 'OD', 'OD', 'OD'. The table contains 11 rows of data. At the bottom of the table, there are navigation buttons: 'Export', 'Print', and 'Refresh'.

Data interface
(more than 10000 data can be stored) history record, screenshot, data export function



Upgrade interface
U disk quick upgrade, update software

The screenshot shows a 'UserManager' interface. It displays a table with the following columns: 'NO.', 'User Name', and 'Level'. The table contains 8 rows. The first row has '1' in the 'NO.' column and 'admin' in the 'User Name' column, with 'Administrator' in the 'Level' column. Below the table, there are 'Add User' and 'Refresh' buttons.

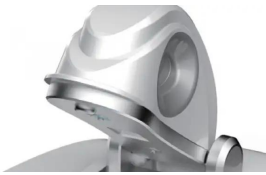
User interface
Multi-user independent detection and independent management



Small size, easy to carry, very suitable for field testing.
It can be quickly upgraded by U disk, which is convenient for the instrument to update the software.
The detection concentration range is wide, and commonly used samples can be detected without dilution.
Has a power-on self-test function, it can quickly and accurately judge whether there are impurities in the detection platform when the machine is started up.
The machine does not need to be warmed up, it can be detected after starting up, and the single detection time is about 5 seconds, and the detection is fast.
By forming a liquid column, the sample required for one test is as low as 0.5ul. Colony detection can be performed in both cuvette and micro mode.
High-definition 7-inch display



Sample detection platform
(stainless steel and quartz optical fiber) High strength, anti-corrosion.



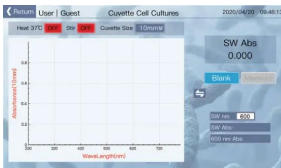
The measuring arm is sturdy and lightweight, exquisite and beautiful.



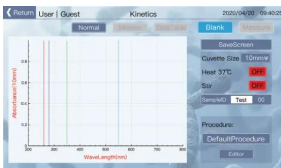
Dust-proof design
Prevents the backlog of dust from causing inaccurate measurement.

Detection mode

1. Cuvette detection

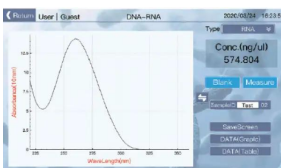


Measure nucleic acid, protein, microbial cell culture and kinetic testing. It provides auxiliary functions of stirring and heating while measuring.



Provide users with an intuitive absorbance change curve, user-defined wavelength points to view the relationship between absorbance changes over time, and 100 kinetic programs can be built in.

2. Micro detection



Nucleic acid detection, micro nucleic acid array, pure protein detection, labeled protein detection, protein quantitative detection, microbial cell culture detection and conventional full-wavelength scanning.

Instructions

1. Cuvette detection



Raise the sample arm and add the sample to the detection base.

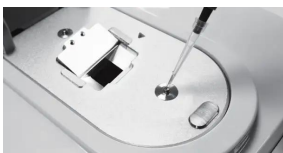


Put down the sample arm and measure the sample according to the software interface.

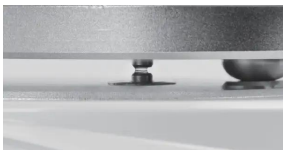


After the test is completed, wipe the measuring platform with dust-free paper to avoid sample residue.

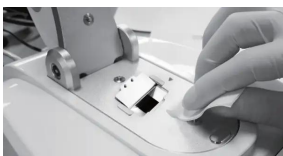
2. Micro detection



Raise the sample arm, add the sample to the detection base.



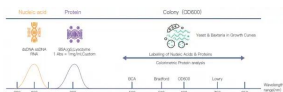
Put down the sample arm and measure the sample according to the software interface.



After the test is completed, wipe the measuring platform with dust-free paper to avoid sample residue.

APPLICATIONS

Ultra-micro ultraviolet-visible spectrophotometer is a very important analytical instrument, whether in the fields of scientific research such as physics, chemistry, biology, medicine, materials science, environmental science, or in modern chemical engineering, medicine, environmental testing, metallurgy Production and management departments, Ultra-micro ultraviolet-visible spectrophotometer have a wide range of important applications. Ultra-micro ultraviolet-visible spectrophotometer is to use spectrophotometry to quantitatively and qualitatively analyze substances, and is often used for nucleic acid, protein quantification and cell culture detection; Ultra-micro ultraviolet-visible spectrophotometer is already a conventional instrument in modern molecular biology laboratory.





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