QUICK GUIDE

Rev. 1 21/04/2026

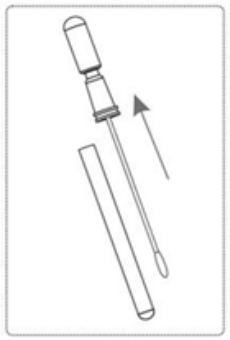
SafeGEN ATP Surface Swab

Product No.: ATP_100_SSW

Note: Please read product's instructions completely before performing test.

IMPORTANT TIPS AND NOTE BEFORE STARTING THE TEST

- Turn on the Luminometer and place it on a stable, level surface before performing the test and keep the instrument upright during the entire test.
- Allow te ATP Surface Swab to equilibrate to room temperature (20-25°C) before use.
- Do not touch the swab or inside the sampling device with your finger.
- The swab tip is pre-moistened for a maximum sample collection.
- Condensation may be visible on the inside of the swab tube; this is normal.
- The ATP Surface Swabs are designed to detect invisible/trace amounts of residue. Overloading the swab with physical matter by swabbing a visibly dirty surface will inhibit the bioluminescent reaction and produce inaccurate results.
- For water samples, use ATP WaterTotal Swab & ATP WaterFree Swab.



1. Take out the swab

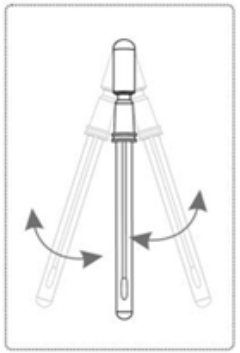
Holding the swab tube firmly, twist and pull the top of the swab out of the tube (Do not pull out the swab directly!)

2. Swab sampling

Thoroughly swab a standard area of 10 × 10 cm using a zigzag wiping method. After sampling is completed, place the swab back into the original tube.

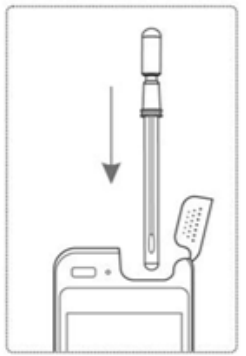
3. Activate the swab

Hold the swab tube firmly and use your thumb and forefinger to break the Snap-Valve by bending the bulb forward and backward. Squeeze the bulb twice to expel all the liquid down the swab shaft.



4. Mix and shake

Shake vigorously for 10 seconds to fully mix the collected sample with the liquid. Once activated, the sample must be read within 30 seconds.



5. Into the reader

Keep the instrument steadily and insert the entire swab vertically into the Luminometer.

6. Sample detection

Close the detection chamber. The luminometer will automatically recognize the swab, and the test result will be displayed on the screen after 10 seconds.

Threshold[a]	Result
0-20	Pass
20-60	Caution
>60	Fail

7. Results interpretation

"Pass" is considered clean, "Caution" is not clean enough, and "Fail" is considered dirty.

Note: These are factory default thresholds. Users may modify them as needed.

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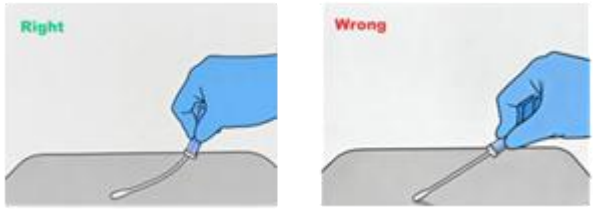
Product Specifications

Format: 100 Surface swabs per box
Sensitivity: 5*10-16 mol
Storage: 2-8°C
Approvals: AOAC-PTM

IMPORTANT SWABBING TECHNIQUE TIPS

- Wipe the surface of the object evenly in a zigzag pattern, including vertically, horizontally, and diagonally in both directions.
- For irregular surfaces, maintain a consistent swabbing technique during each test; swab a large enough area to collect a representative sample.
- Rotate the swab while collecting the sample to maximize sample collection on the swab tip.
- Apply sufficient pressure to create flex in the swab shaft *(As shown in the adjacent figure).*

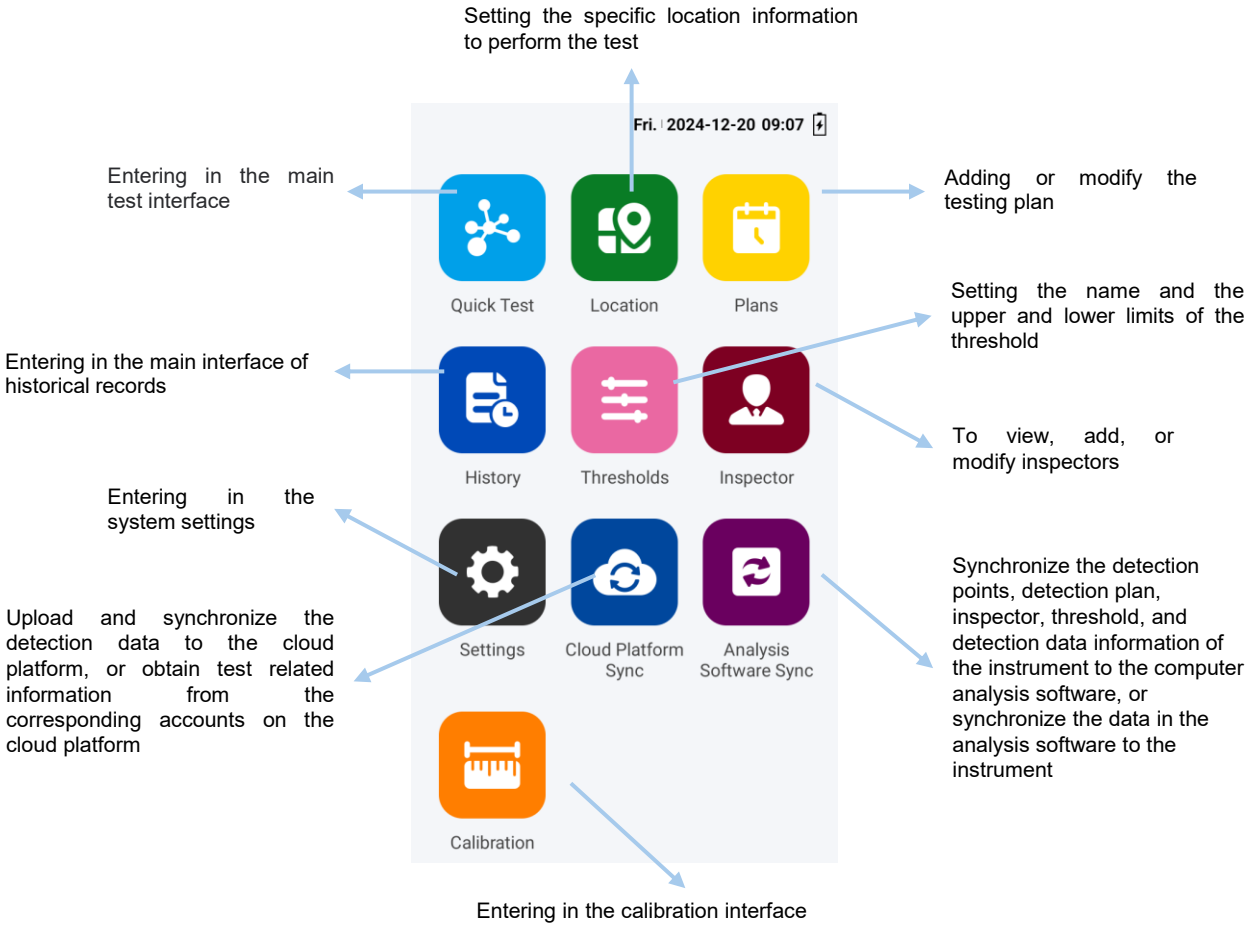


GEN_3500_ATP Luminometer: External structure

1. Detection chamber cover, the chamber cover must be tightly closed when the instrument is working normally. Otherwise, the instrument displays an error and can't run the test.
2. The Insert port of swabs and test tubes, get into the cabin for fluorescence data detection.
3. The switch button, "long press" to start or shut down." short press" to switch between sleep and wake up.
4. The main screen display area, display system and operation interface for man-machine interaction.
5. The instrument support.
6. USB Type-C charging port and Data transfer port.

a) Rechargeable, removable battery.
b) The maintenance port.

GEN_3500_ATP Luminometer: Main interface



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