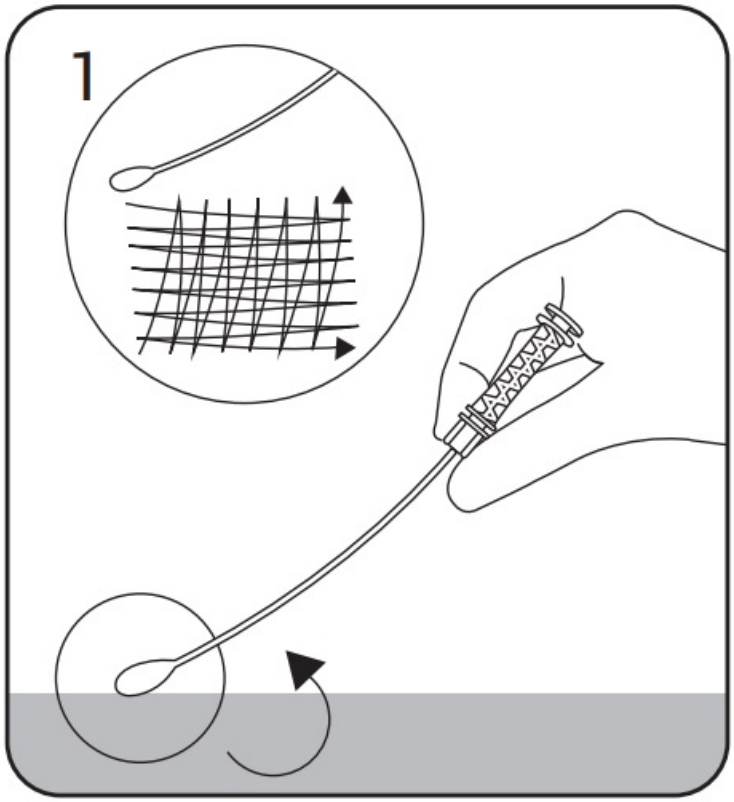
Terragene ATPs-1 Surface ATP Test User Guide

Terragene ATPs-1 Surface ATP Test

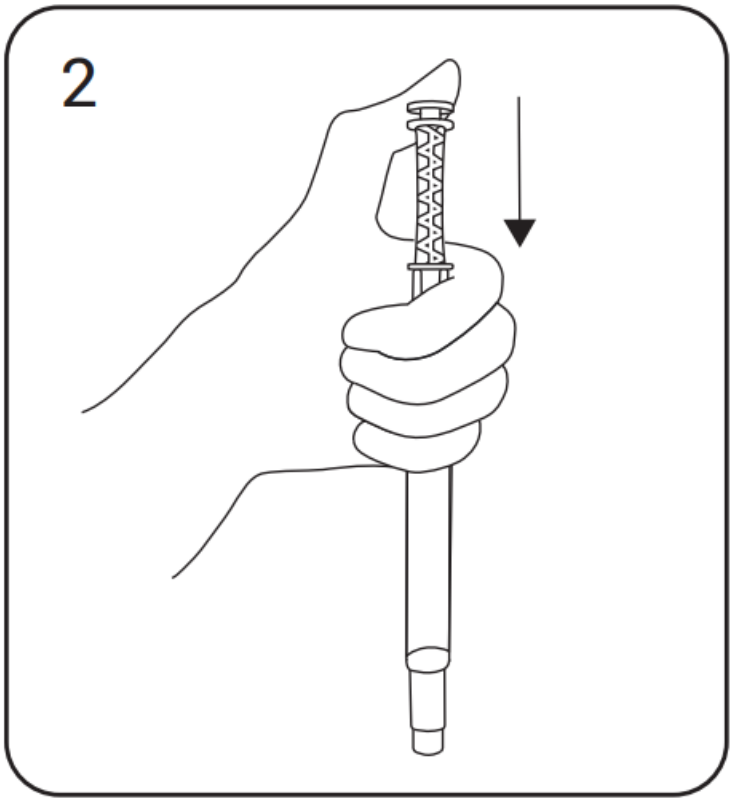
Contents

Instructions for use

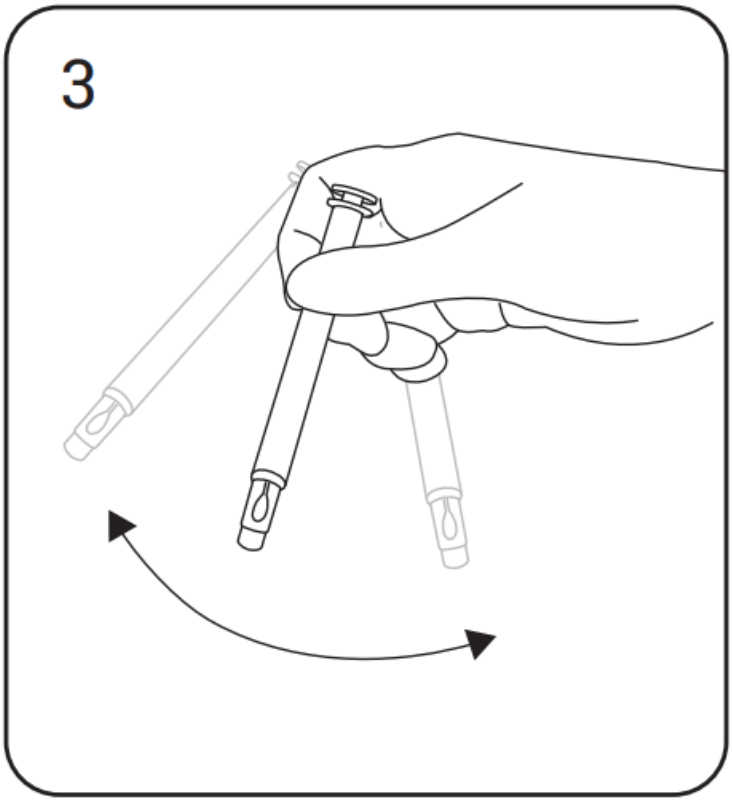
1. .Swab the desired surface by applying a strong pressure



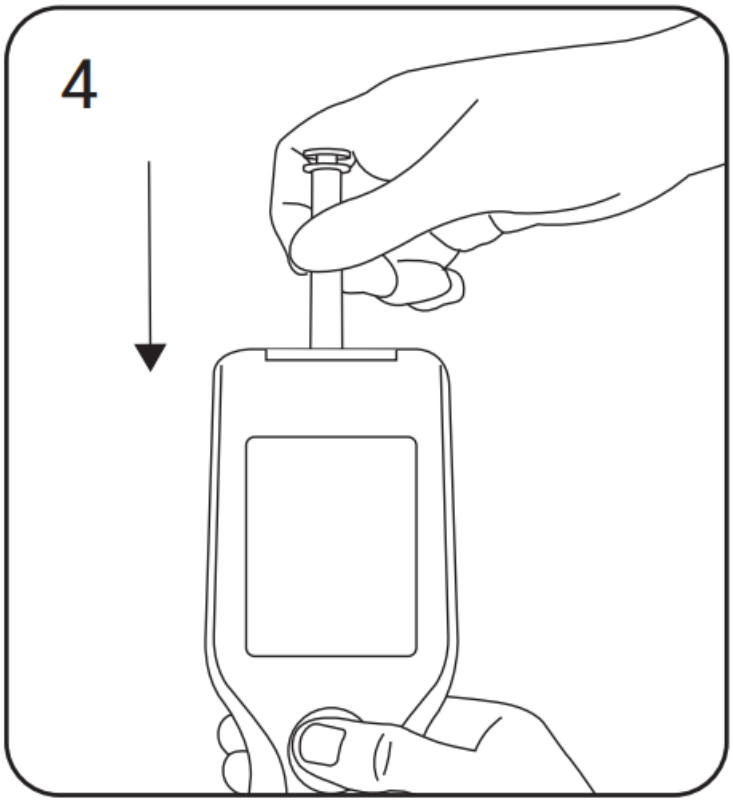
2. Place the swab back into the device and activate it



3. Shake vigorously for 20 seconds



4. Introduce the device inside the luminometer and read



Product description

Faulty cleaning and disinfection processes can leave contaminants unnoticeable to the operator. ATP is a molecule present in all living organisms, so it is a good indicator of the presence of microorganisms or residues thereof that may promote their growth.
When monitoring begins, the reagent in the test pen vial reacts with the ATP collected on the swab to produce luminescence. The intensity of the light emitted is proportional to the amount of ATP, and, therefore, it is also proportional to the degree of contamination.
Chemdye® ATP surface test ATP-s1 hygiene monitoring system has been designed for the detection of trace amounts of ATP on surfaces. It also has a high absorption swab previously moistened, which contains a lytic agent that allows the detection of ATP from intact cells. The ATP-s1 device has a high sensitivity, being able to detect up to 0.5 ATP femtomoles.

Indications for use

Use on any surface after the cleaning and disinfection process is carried out and for difficult-to-reach places on complex instruments, such as serrated edges or box apexes.

Precautions

Do not open until use. Do not reuse. Do not touch the swab or the inside of the device with your hands. Use gloves and a mask. Do not freeze. Keep away from light until use. High concentrations of detergents remaining on the surface may cause erroneous results (false negative). Although the ATP surface test presents high sensitivity, it is not a microbiological monitoring device, and a surface area cannot be considered sterile according to the result obtained.

Instructions for use

1. Remove from the refrigerator the pen(s) you will be using 5 minutes before.

   WARNING: Do not use the device if you have just removed it from the fridge. If the device is activated by

accident, do not use it.

2. Be sure to turn the luminometer on beforehand.
3. Remove the swab from the device by holding it by its plastic handle.
   WARNING: Do not touch the swab or the inside of the sampling device with your fingers.
4. Applying strong pressure, slide the swab extensively over the surface to be evaluated. A sample surface of 100 cm2 (10 cm x 10 cm) is recommended. Move the swab covering the area in one direction and then in a perpendicular direction. It is important to standardize the sampling surface so that comparable cleaning tests can be performed (Figure 1).
5. Insert the swab back into the device.
6. Activate it by pressing down firmly, making the swab come into contact with the reactive solution (Figure 2).
   WARNING: Once activated the device, must be used within 2 minutes.
7. Shake the device vigorously sideways for at least 20 seconds (Figure 3).
8. Place the pen in the upper hole of the 3M Clean trace LM1 luminometer. After closing the cover, press the measurement button to obtain the RLU value (Figure 4).
   IMPORTANT: Read carefully the instructions for use of the luminometer.
   WARNING: Hold the luminometer vertically when performing readings.

NOTE: If any serious incident occurs in relation to the device, it should be reported to Terragene S.A. and the competent authority of the State in which the user is established.

Results interpretation

The RLU values are related to the ATP content of the treated surface:
the higher the value, the higher the contamination on the tested surface. It is recommended to set your own reference values to determine whether the surface area was disinfected according to the cleaning standards set by the user.

Storage

The ATP-s1 system should be stored at temperatures between 2-8 °C (35-46 °F), away from light and RH 30-80 %. Its shelf life is 12 months when stored at the recommended temperature and 1 month when stored at room temperature (<25 °C). Store in its packaging until use.

Waste treatment

Dispose of this product after use, according to your country's health regulations.

Customer Support

Explanation of Symbols

CE CE mark.

EC REP Authorized representative in the European Community.

MD Medical Device.

LOT Batch number.

Manufacture Date.

Expiration Date.

Manufacturer.

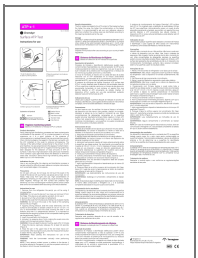
Terragene S.A.
Ruta Nacional Nº 9, Km 280 – CP 2130.
Parque Industrial Micropi-Alvear-Santa Fe-Argentina.

MD CE

Chemdye®

Terragene®

Documents / Resources

	Terragene ATPs-1 Surface ATP Test [pdf] User Guide ATPs-1 Surface ATP Test, ATPs-1, Surface ATP Test, ATP Test, Test

References

- User Manual