

Preventive Solutions for Brewery Contamination and Product Spoilage

Contamination from ineffective sanitation and biofilm residue on brewing equipment can lead to spoiled product or undesirable off-flavors and aromas. Hygiena's EnSURE monitoring system and easy-to-use swab tests detect Adenosine Triphosphate (ATP), the energy molecule of all living organisms, including bacteria and residues troublesome to brewing operations. Ensuring brewing equipment and the brewery environment are clean and safe prevents product spoilage and improves overall quality. Hygiena's products also help to verify that cleaning procedures, CIP systems, sanitation chemicals, and personnel are effectively removing contamination before production starts. With the EnSURE monitoring system, all test results are recorded with complimentary SureTrend software, which tracks and trends test results over time and generates automatic reports for management.



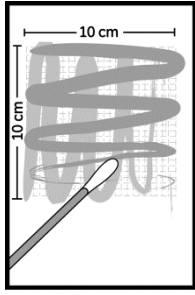
Suggested ATP Test Locations:

- Vats
- Mash tuns
- Brew kettles
- Heat exchanger tubing
- Fermentation tanks
- Gaskets/O-rings
- Hoses
- Valves
- Filters
- Bottling lines
- Fill nozzles
- Kegs
- CIP system rinse water
- Environmental surfaces

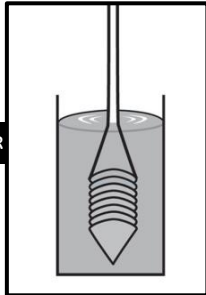


For more information, visit www.scigiene.com

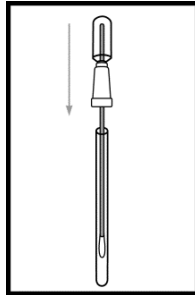
Test Procedure:



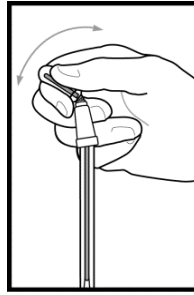
Swab a 10x10 cm area or equivalent of irregular surfaces.



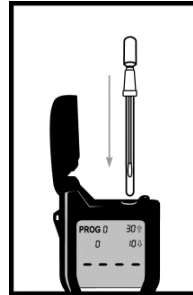
OR
Or collect a liquid sample with AquaSnap.



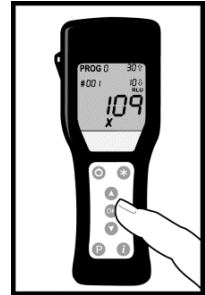
Replace swab in tube.



Activate test by breaking Snap-Valve, squeezing bulb, and shaking.



Press "OK" to initiate measurement.



Results will be displayed in 15 seconds.

Products:

SuperSnap



High Sensivity ATP detection for critical test locations such as fill nozzles, hoses, and tanks, where poor cleaning has the most potential to cause contamination.

UltraSnap



Basic ATP detection for all surfaces in the brewery production environment.

AquaSnap



ATP detection for water samples such as run-off from CIP systems. A honey dipper tip collects a consistent amount of sample from test to test.

Swab Extenders



30" and 13' swab extenders for reaching into tanks, vats, or other hard-to-reach areas where cleanliness is critical.

EnSURE Monitoring System



EnSURE measures and stores test results. Complimentary SureTrend software tracks and trends results for record-keeping and troubleshooting.

Catalog No.	Description	Quantity
ATP-2020	UltraSnap ATP Surface Test	100
ATP-3000	SuperSnap High Sensivity ATP Test	100
ATP-150/ATP-151	AquaSnap Total/AquaSnap Free	100/100
ATP-EXT-XX	Swab Extenders (various lengths)	1
ATP-206	EnSURE Monitoring System with Complimentary SureTrend Software	1