

ATP TESTING



A surface may look clean, but that does not necessarily mean it is clean. Some contamination and debris cannot be seen with the naked eye – a challenge brought into focus with the emergence of COVID-19 in 2020.

Prior to the pandemic, at DOC we had already begun to research systems that we could potentially use to scientifically measure and record our cleaning standards. The ATP test quickly measures actively growing microorganisms through the detection of adenosine triphosphate, or ATP. Whilst many other methods exist for evaluating cleanliness, ATP bioluminescence is the only method that combines quantitative data collection with scientific measurement and still delivers speedy results.

In 2019 we purchased the Hygiena EnSURE Touch system, the market leader in ATP testing. EnSURE Touch is an advanced monitoring system that collects, analyses and reports results from a variety of tests, providing rapid and accurate sanitation verification data. It is designed to adapt to any workplace or area, providing robust and quantitative data to confirm that surfaces have been cleaned to a hygienic state.



HOW IT WORKS

ATP is brought into contact with Hygiena's unique liquid-stable reagent in the testing device. The chemical reaction caused by the combination emits light, which is then measured as a direct proportion to the amount of ATP present.

The process of ATP testing is straightforward and easy to use. We simply swab the area to be tested, snap the valve at the top of the swab, then squeeze the liquid down to the bottom of the swab to react. We place the swab inside the luminometer and record the results.

- Verifies surface sanitation in as little as 10 seconds
- Compares the effectiveness of sanitation products and procedures
- Proves cleaning standards have been met
- Identifies problem areas that need more attention



OUTSTANDING PRODUCT BENEFIT

ATP is a highly effective way to verify cleaning, particularly on high-risk surfaces in areas such as hygiene facilities. It identifies contamination beyond visual inspection and provides instant quantitative information to confirm that cleaning procedures are working.



HOW OUR CLIENTS BENEFIT

ATP Testing allows cleaning and facilities services to become data driven, instilling confidence that the place of work or venue is hygienically clean. It helps identify problem areas

in a client's facility that may need more attention and focuses the cleaning regime on surfaces and areas that score highly for the ATP molecule. Results can be linked to KPI and SLA scoring.

CASE STUDY



MOOR HOUSE, LONDON

Moor House is an office building on London Wall in the City of London. With 29,000 square metres of floor space, it is home to several high-profile international tenants.



THE CHALLENGE

Moor House has always supported innovation. Since 2019 DOC has used electrochemically activated water (ECA water) to clean and sanitise surfaces, an environmentally-friendly alternative to chemical cleaning. In 2019 we weren't sure if our client was ready for ATP testing as, until then, it had mostly been used in health care and food manufacturing. Then COVID-19 changed the parameters of cleaning and we pushed it forward as a way of reassuring them that we could validate our cleaning as being hygienic, using live data.



THE SOLUTION

We started by ATP testing areas before and after cleaning with ECA water to see if both systems worked in tandem to provide a safe, chemical free, sanitised cleaning solution. We used industry standard ATP measurement which classifies an area as Green for pass, Amber for caution and Red for fail, gradually building up a clear picture of effectiveness and correcting any failures by adjusting cleaning frequencies. The results were outstanding, with surfaces seeing a significant reduction in the presence of bacteria.



THE BENEFITS

We now use the Hygiena EnSURE Touch system to collect, analyse and report data from multiple quality tests, supporting the audit and risk management process in place for our client. We ATP test random touchpoints in the building at the same time as undertaking our cleaning audits, tracking compliance and allowing us to allocate and redeploy resources as appropriate. We also use the system to validate preventive or decontamination COVID cleaning, instantly demonstrating the effectiveness of our cleaning and maximising client confidence. Our client views the data through their portal on our website and shares this, as required, with stakeholders in the property.



ABOUT DOC

Founded in 1972, DOC Cleaning Limited provides cleaning and associated support services to over 500 locations throughout the UK. An independent, family-run organisation, we pride ourselves on being honest, friendly and approachable, whilst adopting a professional and innovative attitude to all of our activities.

If you would like to discuss ATP Testing or any of our other innovations, please get in touch via the email or telephone number below.

DOC CLEANING



Our aim was to reduce or eliminate the use of plastics and chemicals; with the collaborative work we enjoy with DOC we tested and implemented the ATP system. Our records show that we have a cleaner, safer building without the use of chemicals. It pays for itself within months.

Operations Manager,
Client Management
Company

