



Tristel

Tristel Solutions automate disinfectant filling with Response Automation Line

Adelphi customer Tristel Solutions are a global manufacturer and supplier of infection control, contamination control and hygiene products, with their primary customer base being both NHS and private hospitals. They employ close to 120 staff, with just over 80 being based at their manufacturing site in Snailwell, Cambridgeshire. With these high level disinfectants, Tristel aims to be a recognised force in the global infection control industry, and is well on the way to being so with noticeable signs of growth with its global subsidiaries and agencies.

Following the establishment of its manufacturing plant in 2007, Tristel had a need to invest in packaging equipment to handle its innovative range of disinfectant products, and approached Adelphi for assistance. Since this time Adelphi's Sales Director Dean Willis has established a strong relationship with Tristel, assisting them their filling requirements as and when needed, carefully assessing their needs to ensure the correct machinery offerings were made. To begin with Tristel acquired one of Adelphi's ever popular Response bench top fillers, which was followed by several more units over the years. These units were confidently able to fill Tristel's range of disinfectants. However as the business started to see more and more rapid growth, a greater change was needed than the purchase of further semi-automatic fillers. It was time to start automating.

As production demands continued to increase, the realisation set in for Tristel that the packaging process needed to move up a notch to a more automated process. Tristel approached Adelphi to discuss how this could be achieved, and a full Response Automation line was installed in 2016, which could work with the existing bench top units, keeping the investment cost within a reasonable budget. The Response Automation System currently handles around five Tristel product ranges, including a 500ml chlorine dioxide foam based dual product, which consists of a base and an activator, supplied as one product but filled into two separate containers, capped separately, but activated by a dual patented cap by the user.





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Prior to Tristel's acquisition of the Response Automation System, this product was a time consuming product to package, requiring a more manual method of filling, capping and labelling. Both the base and the activator were filled separately on two different fillers, both then individually capped, before the dual activation cap was added and the product was moved down the line for labelling.

Following installation of the Response Automation line, Tristel could instantly report a 70% increase in productivity. The line is fed from two large tanks attached to the machine, with one holding the base and the other the activator, but both can be fed into the filling line at the same time, filling into the two separate bottles. Production Manager Jenny O'Callaghan commented "the addition of the automation has assisted us greatly. I can't imagine where we would be without it now. Our processes were very manual and filling on the automation line now saves us a huge amount of time. We would only like to automate more and more of our packaging processes across the business going forward".

When looking for an automated filling line, Tristel considered a few packaging machinery suppliers, but already secure in the knowledge that Adelphi's fillers were reliable and durable influenced Tristel's overall decision. "From the smaller Response fillers we had previously used, we were familiar with Adelphi's equipment, and knew that we could trust them to run as we needed without constant breakdowns or issues" comments Jenny O'Callaghan.

When asked for his thoughts on the machine, Production Engineer Peter Twelftree commented that "one of the great advantages of the Response Automation System is its modularity. If we were to have any issues with the line, we could simply remove one of the single bench top units and use that to work with a semi-automatic fill". Jenny O'Callaghan added "as we're currently only running the filling line mostly with two single bench top fillers, it gives us plenty of opportunity for growth, where we can simply slot in another single filler to the line to increase production with one of the several single units that we have, and this is all at no extra cost. We're currently producing around 700 – 1000 bottles per hour depending on the product, with plenty of room for growth".

Are you producing for the pharmaceutical industry and require a filling line which offers exceptional levels of hygiene along with the ability to grow as your business grows? If so get in contact with Adelphi on +44 (0)1444 472300 or email sales@adelphi.uk.com

