



**dalau**<sup>TITAN</sup>

# CUSTOMER STORY

Discover how Dalau Ltd ensured the accurate measurement of their micro-components thanks to multi-sensor metrology from OGP UK.

# PROJECT BRIEF

Dalau Ltd is one of the biggest fluoropolymer manufacturers in the UK, exporting over 11 million components to 35 countries every year. They work across industries including electronics, engineering, aerospace and medical, ensuring the highest quality components for their customers.



Dalau Ltd invested in the CNC 300 metrology machines from OGP UK. This has allowed them to measure smaller and more complex components accurately and consistently to enhance their manufacturing and inspection processes.

Dalau are constantly investing in the latest technology. With quality at the forefront of everything they manufacture, Dalau need to ensure that the parts they manufacture are of high accuracy, consistency and traceability.

Dalau were looking to upgrade some of their old machines to the latest technology, and made contact with OGP UK to explore their multi-sensor measurement solutions.

David Sage, Managing Director of Dalau Ltd explained:

“Quality is the most important thing for us, it’s what we sell our name on. We found that mechanical measurement was a problem because it had a human error factor. We were making micro-components and we needed a machine that could get down to those measurements, and still remain accurate and consistent.”

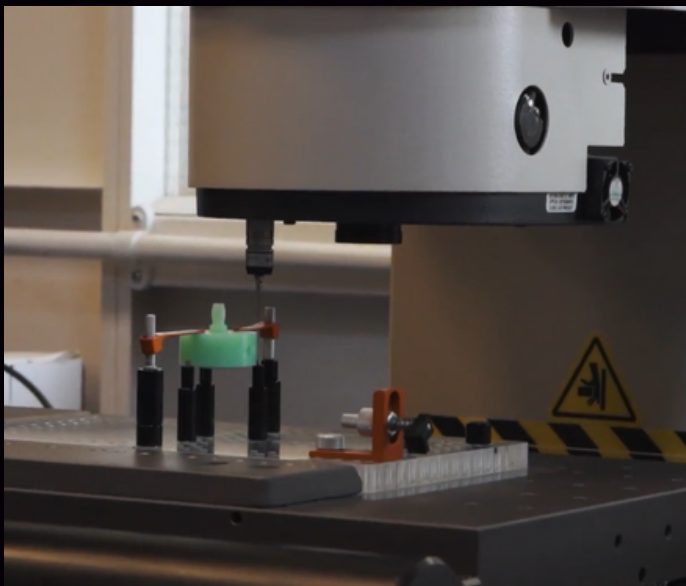
# THE SOLUTION



Dalau invested in a CNC 300 metrology machine, supplied by OGP UK to measure smaller and more complex components accurately and consistently to enhance their manufacturing and inspection processes.

The CNC 300 multi-sensor metrology machine is a unique, high-capacity benchtop multi-sensor measurement system. The CNC 300 offers precision optics, flexible illumination and multi-sensor versatility to quickly, accurately and efficiently inspects complex components.

“You can measure any specifications without having the contact and fit different probes on it which makes it very useful as inspection equipment and is why we went looking for the OGP’s,” said David.



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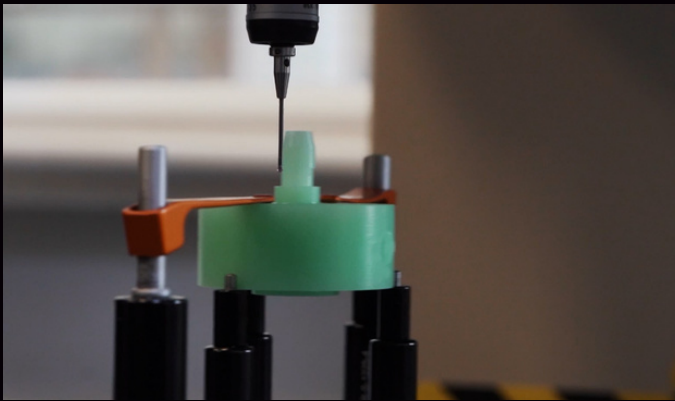
# THE BENEFITS



Investing in a multi-sensor metrology system from OGP UK has allowed Dalau to enhance their manufacturing processes and upgrade their old machines to the latest technologies. Dalau is now able to ensure speed, accuracy and traceability when measuring micro and complex components.

David explained the benefits of Dalau's new investments:

“Having the accuracy of the CNC 300 is vital so we can measure components really carefully and even take photos of the surface quality. We are able to measure detailed surface areas and look at our measurement data in a much more analytical way. We manufacture a very complex medical component – a blood clot filter which has 19 holes with a 0.2mm diameter each within a 4.5mm diameter component. The OGP is brilliant. You can set the filters up in batches on the OGP and it measures everything. The service from the OGP UK has been brilliant, we can't fault it.”



“

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David Sage, Managing Director of Dalau Ltd.



Watch the full customer story on the  
OGP UK YouTube channel.

# Contact us.

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