

# CAPPA CONDUCTS OPTICAL MICROSCOPE GAUGING OF LASER-DRILLED PINHOLES



## BACKGROUND

Sepha Ltd., founded in 1980, has established a global reputation for innovation and development of specialised, high quality equipment for use in the manufacture of pharmaceutical blister packs, medical devices and healthcare products.

They provide innovative, non- destructive leak testing solutions, lab scale packaging solutions and deblistering machines for recovery of high value product. Sepha Ltd joined the Tasi Group in 2013 becoming part of the single largest pharmaceutical test and inspection group worldwide.



## THE NEED

Sepha Ltd supply a specific component to one of their customers. As part of a validation process the company worked with CAPPA to provide this product check. Sepha Ltd's customer had also collaborated with CAPPA and so had full confidence in the check process carried out.

## THE SOLUTION

CAPPA was able to measure the diameters of apertures of pinholes laser drilled in stainless steel to a high degree of tolerance. They measured these and validated them against an internal calibration standard to ensure that all results were within the specification outlined by Sepha Ltd, ensuring compliance to their high-quality standards.

## BENEFITS OF THE ENGAGEMENT

Sepha Ltd's collaboration with CAPPA enabled the company to avail of experienced research and development personnel as well as state of the art facilities and equipment. CAPPA, as part of Enterprise Irelands Technology Gateway Network, has access to a range of materials used to analyse measurement variation and consistency.

This has enabled Sepha Ltd to effectively evaluate all potential solutions for their requirements while continuing to maintain their goal of delivering quality assurance and value creating products and services to the pharmaceutical and medical device packaging industries.

**“The work CAPPA conducted with us was carried out to the highest of standards. They were able to understand our specific project needs and offer insights into areas we had not previously investigated. We would highly recommend the services at CAPPA.”**

- Craig Young, Sepha Ltd.

**Contact us to connect your Enterprise with MTU. Email us at [extended.campusCork@mtu.ie](mailto:extended.campusCork@mtu.ie) to discuss a collaboration to suit your needs!**