

Inspection Solution for Transparent Surfaces

USE CASE FOR BREAST IMPLANTS

USE CASE

SUMMARY

As a Class III medical device, breast implants require high-quality controls, which can present certain challenges. For instance, verification of batch data can be problematic because the embossed data is transparent and positioned on a soft, rounded, transparent surface. Adding to the challenge, a viable verification solution needs to be installed in accordance with cleanroom standards.

CHALLENGE

Reduce errors that occur on manual packaging lines due to difficulty in reading the batch and model number embossed on transparent surfaces.

SOLUTION

BATCH AND PRODUCT NUMBER INSPECTION

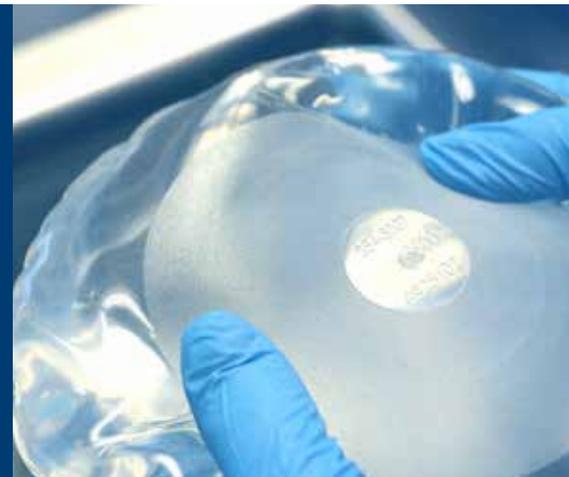
The breast implants are manually placed on OPTTEL's **PharmaProof** vision inspection system, which has been proven for over 25 years in thousands of applications. The system populates the work order by simply scanning a 2D code (Data Matrix). It validates the lot and model number on the implant, and if the data does not match the work order, the system alerts the user, who can then manually reject the item.

PharmaProof is an innovative and flexible automated vision system that verifies lot and expiration date, cap and tamper-evident seals, label print, orientation and presence, sidesert, topsert and component presence. The system provides extensive inspection of labels, cartons, trays, devices and cases. The automated vision system increases overall line accuracy and quality assurance to help manufacturers of medical devices avoid recalls.

PharmaProof is the most flexible and small-footprint vision inspection solution for production lines. This compact system comes in stand-alone or wall-mounted options to adapt to the specific constraints of different packaging lines. PharmaProof reduces downtime, false rejects and rework, thereby increasing line efficiency.

ISO 7 COMPLIANCE

PharmaProof complies with ISO 7 standards for cleanrooms. Its camera is integrated into the electrical panel to avoid contaminants, it is structurally designed with tempered glass and SAE 316L-grade stainless steel and comes equipped with a zero-particle-emission cooling system.



BENEFITS

PharmaProof allows total quality control during the packaging process. Scalable and rapidly integrated, the system easily connects to existing ERP systems.

The result is increased overall line performance and quality assurance to help manufacturers reduce recalls linked to mislabeling and product integrity.



On-screen display of code verification

