

Medical Devices: Validatable Pouch Packaging

ACS 7300

EMPLEX
Bag & Pouch Sealing Systems

Customer Challenge

Medical device company needed a validatable pouch sealing system to package their products before they went through gamma radiation sterilization. Their existing system did not produce validatable seals. It was too slow and inefficient with long sterilization times, high scrap rates and cumbersome operation. The system also created a larger bag than necessary, resulting in high end-of-line packaging and transportation costs.

About the Customer

The customer is a large multi-national producer of medical devices with an excellent reputation. Demand for the customer's products is high and continues to grow.

Solution

Plexpack provided an Emplex ACS7300 Validatable Bag and Pouch Sealer. The ACS7300 is Plexpack's medical grade continuous band sealer suitable for clean rooms. It produces validatable seals at speeds greater than 1,000 per minute. The ACS 7300 was equipped with a flexible product compression belt that reduced the size of the bag by removing the bag's ambient air without harming the product.

Results

The customer received a ROI in less than 12 months. Validatable seal information was downloaded live to the manufacturer's production system for real-time monitoring. Product throughput increased and labor costs significantly lowered. Over 33% more product was able to be placed in the same size corrugated case. Pallet cube use increased more than 30%. Sterilization times, scrap rates, and customer returns decreased.



Emplex sealing systems deliver certain results and packaging performance you can count on:

Validatable Seal Integrity. Consistent, strong seals that keep your product pure, fresh, and secure.

Plug and Play. Modular design provides easy installation, expandability and quick turnaround.

Easy Operation. Intuitive design and toolless access to sealing section.

Proven Reliability in wide range of applications, including food-safe, cleanroom, and industrial environments.

Real Packaging Value. Standard and custom solutions that fit your unique budget and requirements.

Plexpack Corp. delivers flexible packaging machinery solutions and certain results for customers worldwide. Our Emplex Bag & Pouch Sealing and Damark Shrinkwrap & Bundling Systems are customizable, made-to-order with your unique needs, reputation and budget in mind. Modular and innovative designs are easy to install, maintain, and expand. They provide line and product flexibility, and ensure your packaging operations perform to the highest standards—yours.

a **PLEXPACK** solution