

**The specialist for any  
visual inspection  
requirement**

# Your Visual Inspection Specialist

Stevanato Group has a consolidated expertise on visual inspection, with its Optrel and InnoScan business units. Through continuous innovation and pioneering of new trends, we are committed to making a vital contribution to the pharmaceutical industry and ultimately offering superior solutions to our customers, ensuring superior patient safety.

## Complete range of inspection machines, from benchtop to high speed

Our range offers on one side the best **value-for-cost inspection systems** to support customers' processes in an efficient, flexible and easy-to-operate way. We have solutions satisfying parenteral drugs, injectables and solid dosage inspection using benchtops, semiautomatic and automatic equipment.

On the other hand, we are **technology leaders** in development, production and marketing of completely customized, high-speed automatic inspection machines for complex and viscous injectables produced in large batches, such as insulin.

## Full Range of Advanced Pharma Visual Inspection Systems



### PWL Series - Semi automatic

The PWL machines are designed to simply and effectively overcome problems associated with the manual inspection of vials, ampoules, cartridges, and syringes containing injectable liquids, powder or freeze-dried products.



### Easy Series - Up to 400pcs/min

These user-friendly vision inspection machines are easy to operate and to maintain. Easy Series guarantees a reliable and efficient defects detection for ampoules, syringes and vials.



### Plus Series - Up to 400pcs/min

Plus machines feature the state-of-the-art vision inspection equipment, including high resolution images, for the detection of any contaminants or cosmetic defect. They are the first choice for complex liquid or lyophilized pharmaceutical compounds. Large format glass and plastic bottles can also be processed.

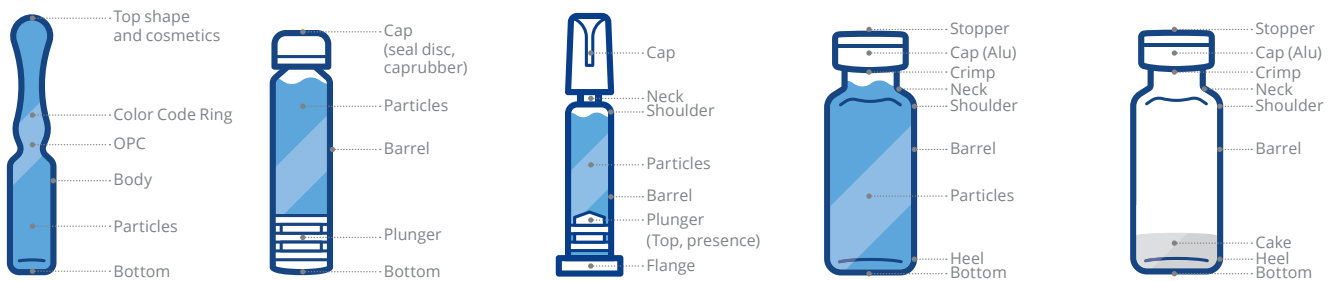
# Your requirements, our technologies

## Our inspection capabilities

Particles and cosmetic defects, closure integrity and fill level.

### Take advantage of:

- Technology leadership
- High efficiency and reliability
- Lowest false reject rates
- Tailored user-friendly equipment
- Coverage of full range of inspection: particulate matters, closure integrity and cosmetic defects

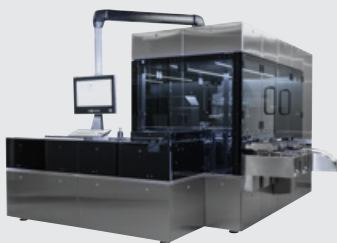


### High Voltage Inspection

Leak Detection, liquid products (HVLVD)  
Needle Shield Inspection (HVNSI)

### Laser Absorption Spectroscopy

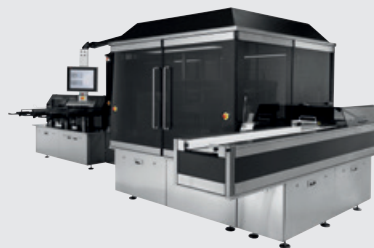
Leak Detection, lyo products (HSA)



### CVT Core - Up to 600pcs/min

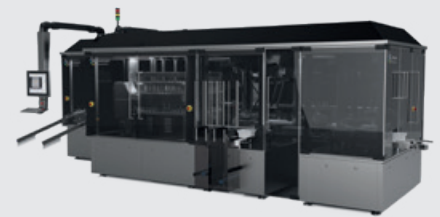
The state-of-the-art automatic visual inspection machine processing on the same platform ampoules, vials, cartridges and syringes.

This development boasts high speed (up to 36,000 pieces per hour) and ensures a fast change-over, 15 minutes, with just two operators.



### CVT Series - Up to 800pcs/min

A unique technology to achieve a market-leading performance in terms of high detection rate, while maintaining a low false rejection rate thanks to the use of Line Scan Cameras, Matrix Camera and High-Voltage Leak Detection. This line has been devised to process highly valuable drugs to the highest inspection speed.



### CVT Nest

A turnkey combination, comprising the CVT machine and an integrated denesting and reneasting unit, Nestor, for RTU syringes in Nest & Tub. It is available in a Compact layout, to minimize footprint, or as a Flex in-line solution for flexible integration of any ancillary device.

**Stevanato Group**

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