



Technologies & Manufacturing Equipment

MAVIS[®] Platform

Advanced performance,
crystal-clear results.



Stevanato Group

MANAGING COMPLEXITY, DELIVERING VALUE

World-class inspection in a compact footprint

Best-in-class, fully automatic, high-speed machine suitable for inspecting every drug, in a compact footprint.

Technology
Leader

30+

With 30+ years of experience, Stevanato Group is the technology leader in automatic inspection systems for any glass-filled container for water-like solutions, suspensions, and viscous or lyophilized products.

Platform Highlights

Automatic vision inspection of **syringes, cartridges, vials and ampoules**

Superior inspection of particulates, cosmetic defects, and closure integrity thanks to top inspection technologies

Compact footprint: up to 20 inspection stations to ensure the most accurate detection performances in a compact layout

Gentle machine handling with no glass-to-glass contact

High speed for any combination of products (max speed 400 pcs/min)

Patented imaging technology developed to inspect complex products like suspensions and viscous/gel-like products

Easy to operate: 2 HMIs to improve usability

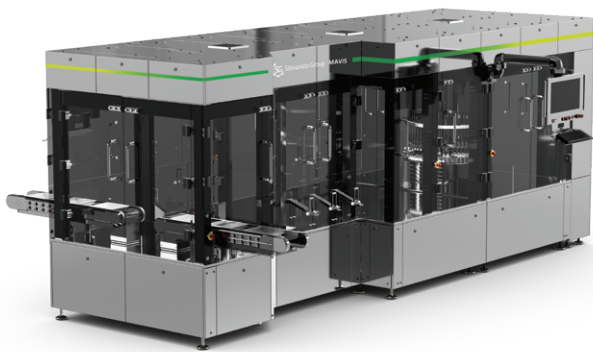
Easy installation and maintenance: total accessibility, designed to guarantee quick and easy maintenance

Artificial Intelligence available to boost even further the unit's performances



MAVIS® Platform

Fully Automatic Vision Inspection Machine



MAVIS® SYRINGES

Technical Data

Containers

Syringes

Products

Liquids, suspensions, gel-like substances

Container Range

Up to Ø 14.45 mm

Productivity [pieces/h]

24,000

Infeed and outfeed

De- and re-nest configuration or infeed and outfeed in line

Outfeed

7 outfeed + re-nester, all configurable (custom solution available)

Inspection Stations

Up to 18 inspection stations - 9 inspection slots in carousel and 9 in clip wheel/ belt

Inspection Cameras

Matrix and line-scan cameras for vision inspection, integrated high-voltage leak detection for integrity control

MAVIS® PLATFORM

Technical Data

Turret

60 motorized spindles rotation units with recipe-dependent profiles for enhanced product preparation. Servo-driven continuous motion operation

Recirculation

Yes (optional)

MAVIS® COMBI

Technical Data

Containers

Syringes, vials, cartridges and ampoules

Products

Liquids, suspensions, gel-like and lyophilized substances

Container Range

Up to Ø 51,6 mm*

Maximum Productivity [pieces/h]

24,000

Infeed and outfeed

De- and re-nest configuration or infeed and outfeed in line (In-feed and outfeed available as a bulk)

Outfeed

10 outfeed + re-nester, all configurable (custom solution available)

Inspection Stations

Up to 20 inspection stations - 9 inspection slots in carousel and 11 in clip wheel/belt

Inspection Cameras

Matrix and line-scan cameras for vision inspection, integrated high-voltage leak detection for integrity control and head space gas analyzer for integrity control

Handling

Smooth and precise handling. Grippers available for Luer-lock syringes

Controls

Compliant with cfr 21 part 11

* Container range related to vials

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**Global presence with operating units
and commercial offices in 10 countries.**

Visit our website to contact us.



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