



The right inspection solution for your product.

- ❑ Manual, semi-automated and fully automated inspection machines
- ❑ Broad range of visual inspection and container closure integrity testing technologies
- ❑ Modular platforms for optimal configuration according to your inspection requirements



Fully automated inspection platforms from Syntegon.

AIM3000 Series

Automated inspection machine for visual inspection of ampoules and vials with optional 100 % container closure integrity testing.

- ❑ Up to 27,000 containers per hour
- ❑ Format range 1-30ml ampoules, 2-30 R vials
- ❑ Waterlike and light suspensions, clear and coloured solutions, emulsions/suspensions, lyophilized products
- ❑ Pre-inspection station and up to 4 additional camera-based inspection stations
- ❑ Optional integration of a high voltage leak detection or headspace analysis module for 100 % CCI testing



AIM2|5 Series

Automated inspection machine with AI for visual inspection of vials, syringes, cartridges, ampoules

- ❑ Up to 24,000 containers per hour
- ❑ Equipped with Artificial Intelligence to boost inspection accuracy
- ❑ Format range 2-30 R vials, 1-30 ml ampoules, 0.5-5 ml syringes, 1.5-3 ml cartridges
- ❑ Low, medium and highly viscous solutions, lyophilized products, light and heavy suspensions
- ❑ Moving particle detection with proven Static Division (SD)
- ❑ Camera-based inspection for particles in difficult-to-inspect products and cosmetic defects
- ❑ Available with fully integrated handling of syringes (de-nesting and re-nesting)

AIM296 Plus

Automated inspection machine for visual inspection of ampoules and vials with optional 100 % container closure integrity testing.

- ❑ Up to 24,000 containers per hour
- ❑ Format range 1-30 ml ampoules, 2-30 R and 5-15 H vials
- ❑ Waterlike and light suspensions, clear and coloured solutions
- ❑ Particle detection with proven Static Division (SD) technology
- ❑ Optional camera-based inspection technology for cosmetic inspection
- ❑ Optional integration of a high voltage leak detection module for 100 % CCI testing



AIM8000 Series

Automated inspection machine for visual inspection of vials and syringes.

- ❑ Up to 36,000 containers per hour
- ❑ Format range 2-30 R vials, 0.5-5 ml syringes
- ❑ Low, medium and highly viscous solutions, lyophilized products, light and heavy suspensions
- ❑ Moving particle detection with proven Static Division (SD)
- ❑ Camera-based inspection for particles in difficult-to-inspect products and cosmetic defects



KHS Series

Laser-based headspace analysis machine for 100 % container closure integrity testing.

- ❑ Up to 25,800 containers per hour on KHS1100 and up to 33,600 containers per hour on KHS1200
- ❑ Format range 1-30ml ampoules, 2-30 R; 5-100 H vials, 50-500 ml infusion bottles
- ❑ Lyophilized, liquid or powder products, filled under vacuum and purged with inert gases
- ❑ Available with up to two (KHS1100) or four (KHS1200) Lighthouse headspace modules



KLD1043

High voltage leak detection machine for 100 % container closure integrity testing.

- ❑ Up to 24,000 containers per hour
- ❑ Format range 1 - 30ml ampoules, 2-30 R vials
- ❑ Containers filled with conductive liquids
- ❑ 360° rotation of the container during measurement to cover entire surface and four independent and adjustable testing stations from below

Connect with our team!

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