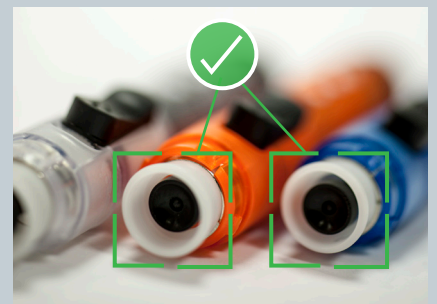
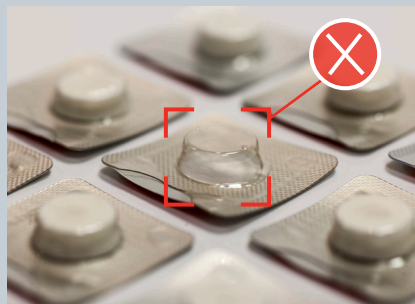
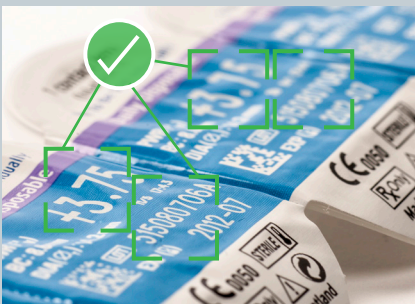
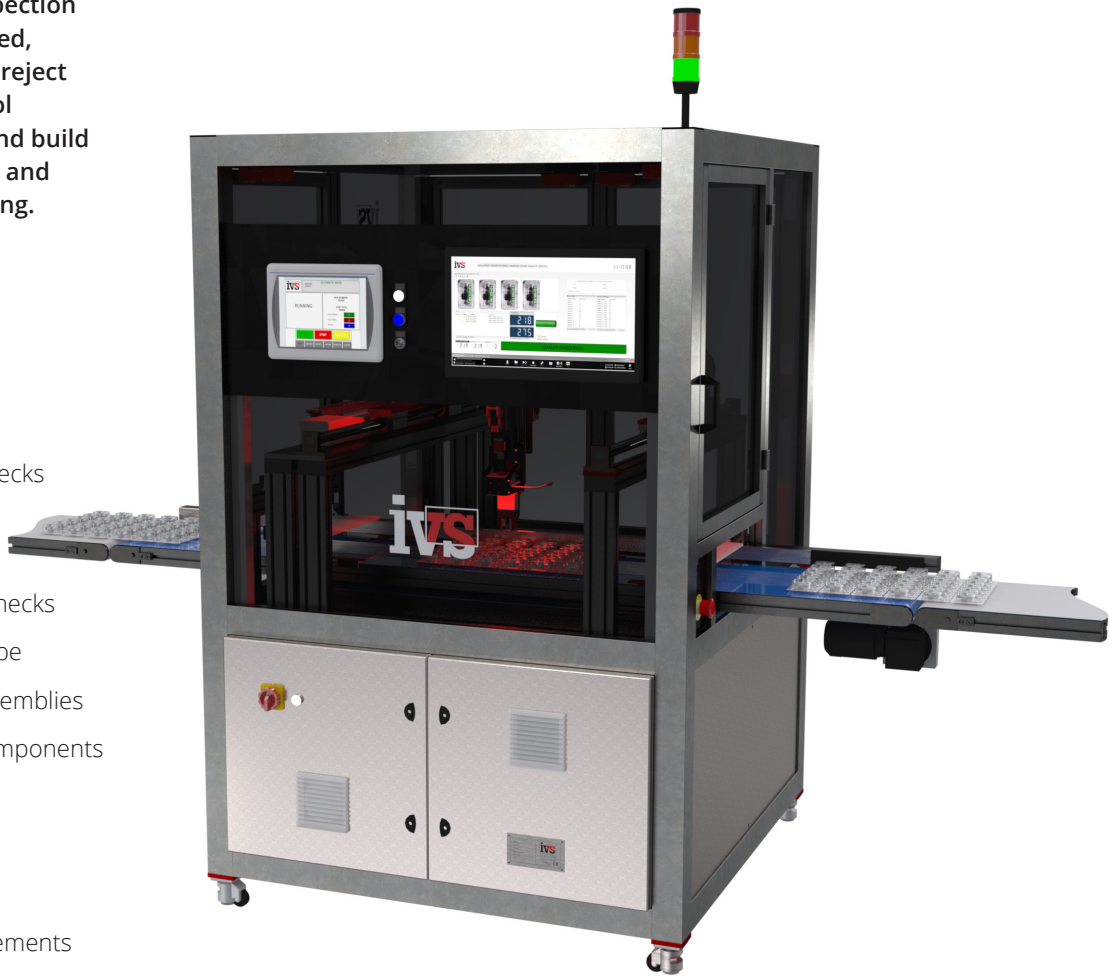


In-Process Inspection Machine **IVS-INPi-M**

A fully automated vision inspection machine with conveyor in-feed, multiple axis and integrated reject for automated quality control checks following assembly and build operations in medical device and pharmaceutical manufacturing.

Ideal for automated quality checking:

- Sub-assembly medical devices
- Syringes, ampoules, bottles and vial checks
- Pack integrity and in-pocket checks
- Plastic, glass and metal inspection
- Surface and inclusion quality checks
- Dimensional accuracy and shape
- Syringe needle, bodies and assemblies
- Presence verification of key components
- Color recognition inspection
- Product shape checks
- Assembly conformance
- Micron level precision measurements
- Character recognition and label checks
- Rogue part detection



INPi-M utilizes state-of-the-art machine vision technology to provide mission critical quality checks across the medical device and pharmaceutical manufacturing sector, making critical quality decisions automatically.

With adaptable vision sensors to provide inspection from multiple angles at micron level, INPi inspects at high speeds with precision detail allowing full automatic quality control as part of the in-line build process.

Designed to be used in-line as part of the production process or as a stand alone autonomous inspection solution. Can also be used with products which are tray/pallet mounted.

INPi-M is very easy to program, offers fast set up, is highly accurate and provides peace of mind for in-process assembly inspection operations.

Features and benefits:

Developed according to GAMP5
State-of-the-art machine vision technology

Checks full build quality in-process without operator intervention

FDA21 Part 11 and GMP Annex 11 Compliant

Store and review HD photographs of every product manufactured

Multiple vision sensors for inspection from all angles

Micron level detection

Quick to install and easy to program

Integrated security and login levels

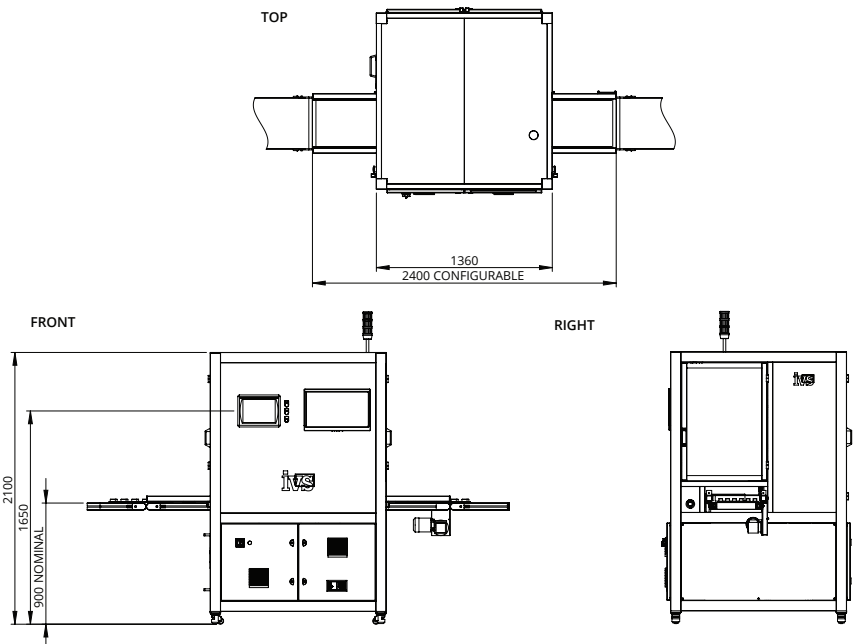
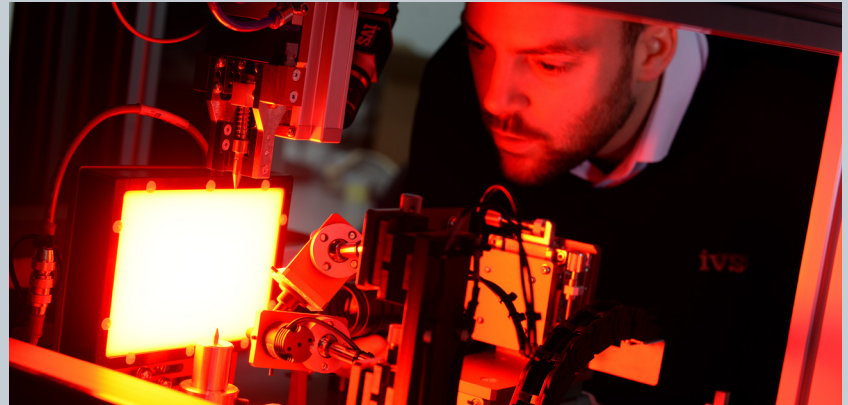
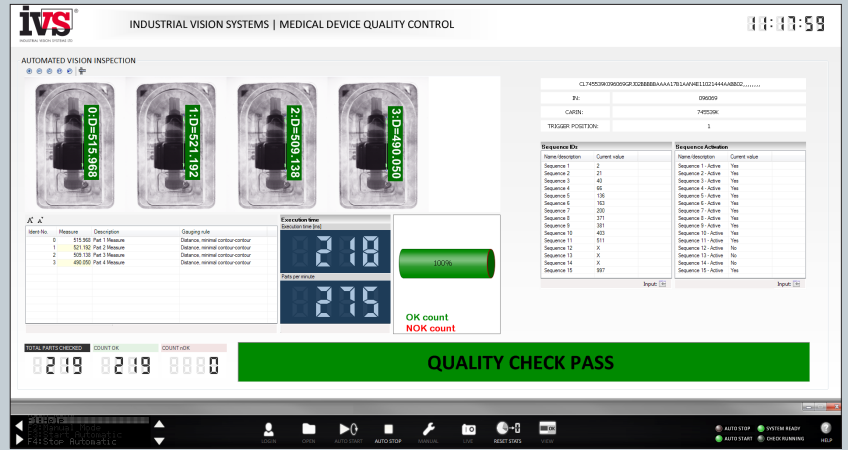
Options:

Additional linear axis control for camera positioning

Additional pick and place/reject mechanism can be added

Robot control

Can be custom designed to suit your production and products



About IVS

Founded in 2000, IVS is now one of Europe's leading specialists in inspection machines and artificial intelligence vision products – supplying customers all around the world and building an unrivalled reputation for innovation, quality and precision in machine vision systems for inspection, guidance and identification.



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