

Automated Catalyst Inspection Machine **IVS-CATi**

A highly flexible complete inspection cell utilizing state-of-the-art robotics and artificial intelligence vision systems combined with servo controlled conveyors for quality control checks on automotive catalyst and associated components.

Ideal for automated quality control checking:

Ceramic and metallic automotive catalysts

Catalyst through hole and blockages

Percentage coverage and yield

Oval and round catalyst parts

Serial number tracking of catalysts

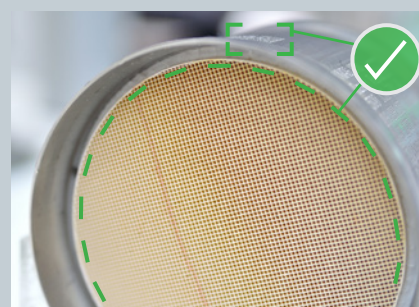
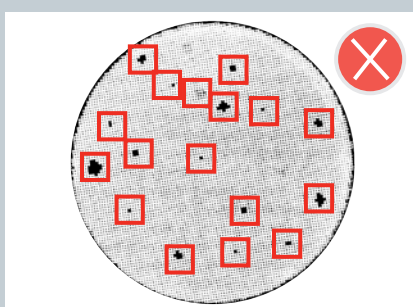
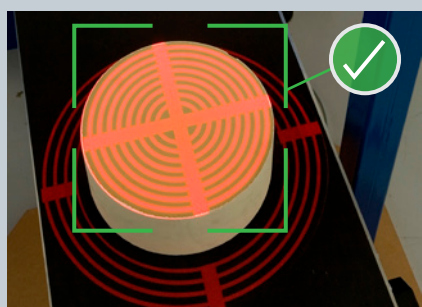
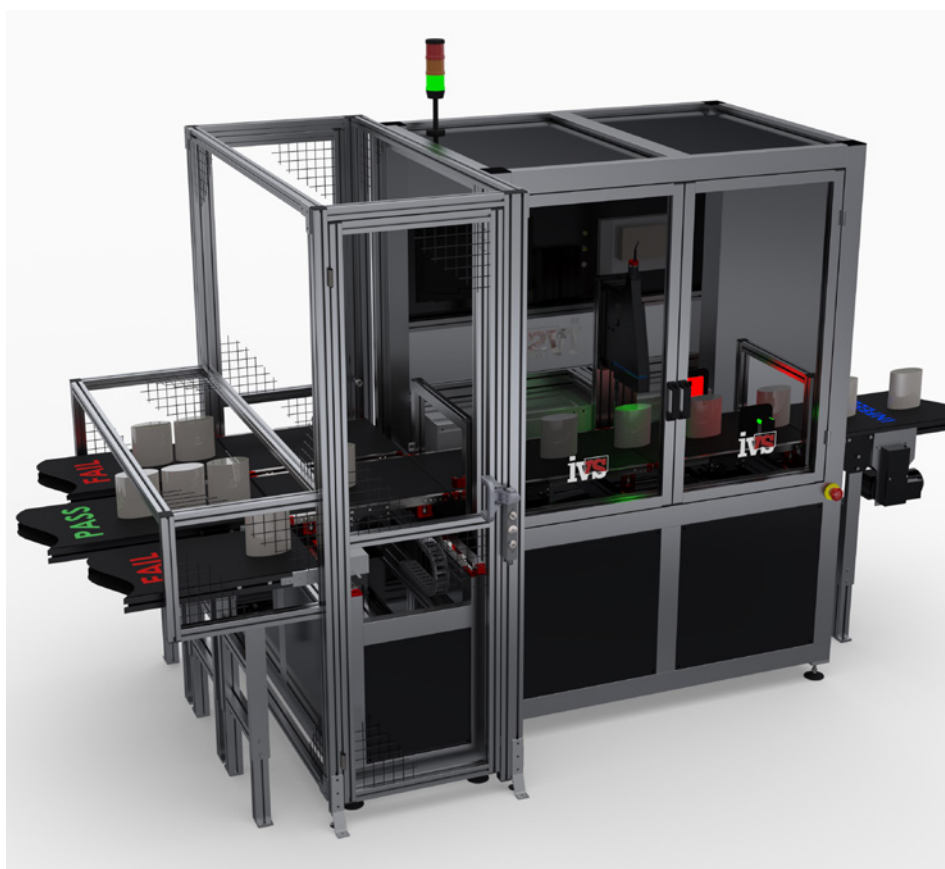
Truck, automobile and smaller parts

Crack and catastrophic failure parts

Rogue parts

Out of spec catalyst components

1D and 2D code reading from catalyst



A highly flexible quality control inspection cell – CATi from Industrial Vision Systems lets you automate repetitive and critical inspection tasks on catalyst parts utilizing latest linescan sensor technology to leverage highly accurate quality control. CATi uses artificial intelligence vision sensors to provide mission critical quality inspection criteria across the entire production cycle.

With high resolution sensors to provide complete coverage even for larger and metallic products, CATi inspects with precision detail. Fast throughput conveyors allow quick cycle time inspection and reject for high speed lines.

CATi is very easy to program, offers fast set up, is highly accurate and provides peace of mind for final quality checks.

Features and benefits:

Precision inspection

Covers all major catalyst types

Utilises state-of-the-art linescan sensor technology

Guarantees quality leaving the factory

Quick to install and easy to program

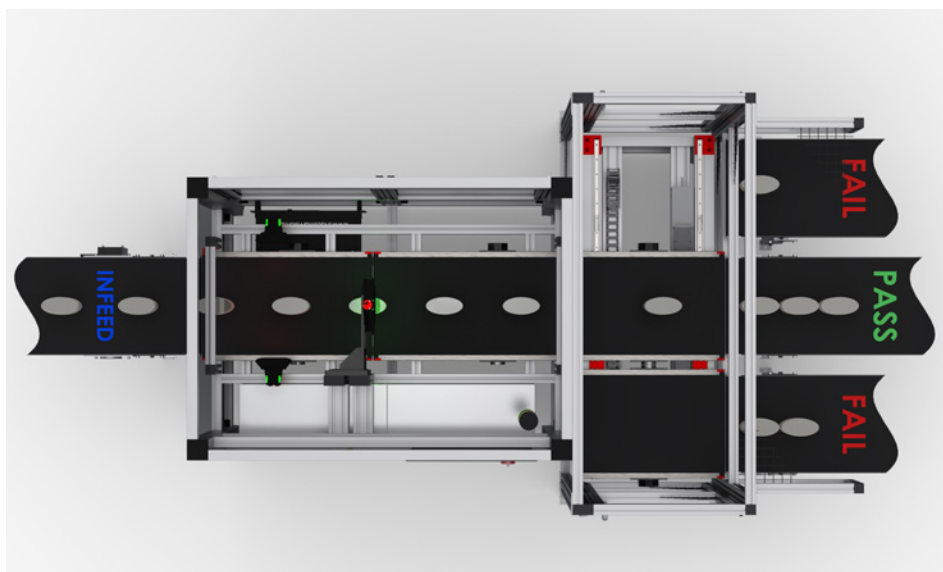
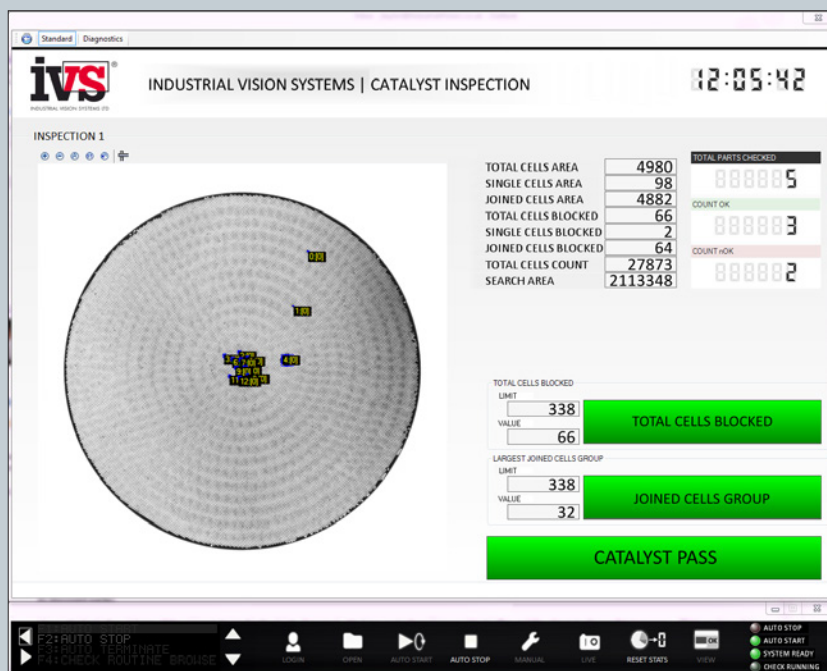
Full reporting and real time image information

Options:

Automated label print and apply

Automatic reject facility

Robot pick and place



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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