



**INSPEKTO**  
AUTONOMOUS MACHINE VISION

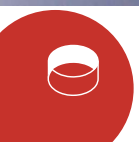
# WORLD'S FIRST AUTONOMOUS MACHINE VISION SYSTEM

*JUST  
PLUG & INSPECT™*



CIPR PRIDE  
AWARDS 2019

**GOLD  
WINNER**



**INSPEKTO**  
WORLD'S FIRST AUTONOMOUS MACHINE VISION SYSTEM

# THE WORLD'S FIRST AUTONOMOUS MACHINE VISION SYSTEM

**Inspekto has reinvented industrial vision inspection. Our product – the INSPEKTO S70 – has disrupted the industrial vision inspection experience forever.**

## **Straight and simple**

The INSPEKTO S70 is the first ever self-contained vision inspection product for the shop floor. It takes just 30 minutes to put it to work on any quality control challenge on your manufacturing line.

## **It's a QA manager's dream-come-true!**

Independently, without any expert or vision integrator to help you - or charge you - you can take the INSPEKTO S70 from box to ops in 30 minutes.

## **30 minutes from box to ops – in 4 simple steps...**



### **Unbox**

All INSPEKTO S70 components come packed in one practical box.



### **Clip on**

Use the INSPEKTO S70 arm components and clip to any Bosch profile on your line.



### **Aim & Setup**

Aim INSPEKTO S70 at your product, use a mouse to draw a simple line around it and let the Inspekto S70 do the rest. Re-use anywhere as needed.



### **Run & Gun**

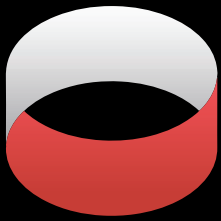
Every INSPEKTO S70 comes ready to connect to your PLC, out of the box. Serve it 30 good samples while you link it to your PLC – and you're done...

## **We call it AUTONOMOUS Machine Vision**

It turns vision inspection from a necessary evil, into an essential TOOL!

**Our mission and passion is to make QA Managers LOVE their jobs.**

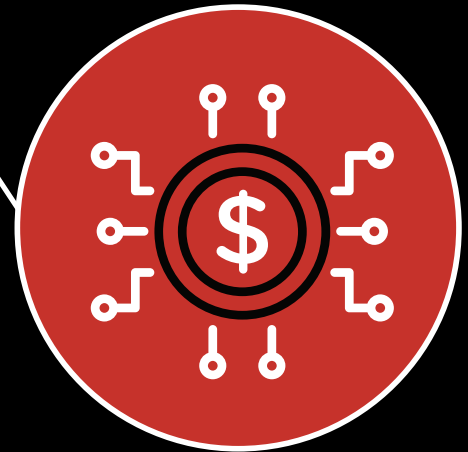




# JUST PLUG & INSPECT™

## COSTS LESS

- 1000 times faster to install, 1/10 the cost of a traditional solution
- Less than EUR 15,000
- No downtime
- No experts



## SAVES TIME & EFFORT

- Setup in 45 minutes
- Learns from 20-30 good samples only
- “Apple-izing” Vision Inspection – it’s simple, fun & effective
- Major PLC protocols supported out of the box



## TOTAL QA IS POSSIBLE

- Price and Speed = QA on all quality challenges
- Self-adapts, self-learns
- The Inspekto experience!
- Makes QA Managers LOVE their jobs



# AT THE HEART OF THE INSPEKTO S70 IS **PLUG & INSPECT™**

**Years ahead of anything else in the industry, this is the first-ever expert-free vision technology.**

**Plug & Inspect™ runs three AI engines in tandem. It merges computer vision, deep learning and real-time software optimization technologies to achieve true plug-and-play vision inspection.**

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## **Using Plug & Inspect™ the INSPEKTO S70:**

- Self-sets its sensor parameters
- Self-adapts to any changes on the production line or around it
- Self-tunes detection in line with any inspection, product or task

## **Like nothing you've experienced before**

Light conditions, line vibrations and varying handling methods become nightmares of the past. Changes in the inspected object's placement, tolerance or orientation will no longer halt production.

All of these are processed AUTONOMOUSLY by the INSPEKTO S70 on the production line. There's no need for prior knowledge of the object inspected. There's no machine vision experience required. No need for AI magicians.

Any number of Inspekto apps can be installed on each INSPEKTO S70 system. Each performs a valuable task:

- **Inspekto QUALIFY™**  
for expert-less visual QA
- **Inspekto TRACKS™**  
for archiving, traceability and claim-rejection
- **Inspekto TYPES™**  
for addressing any number of product models on one location

Plants and firms running the INSPEKTO S70 system can also benefit from **Inspekto PLANTMAP™** comprising a rich suite of valuable services and add-ons. Including seamless firmware upgrades and rollbacks, long-term real-time data backup, PLC configuration backup, shop-floor production management, cross production-line defects, root-cause analysis, BI analytics and central S70 family application management.



“ IT’S LIKE NOTHING  
WE’VE EVER SEEN  
BEFORE! THE **SPEED**  
& **SIMPLICITY** ALSO  
MEANT WE COULD DO  
THE INSTALLATION  
DURING THE  
LUNCH BREAK ”

**MAHLE**

Christopher Opetnik  
Mahle Filter Systems



# TAKING THE MARKET BY **STORM**



## Reinventing the QA professional's routine from QA and Pray – to QA. Period.

Traditional machine vision QA inspection is expensive and dependent on external consultants, experts and integrators. Planning each project and installing it is time consuming, causing prolonged periods of costly human inspection. In addition, the traditional projects are restricted to a single point on the production line and susceptible to environmental change such as lighting and vibration.

### Plug and Inspect™

The INSPEKTO S70 system costs a tenth of its traditional competition. Installation is intuitive and can be completed by non-experts in just 45 minutes, using just 20 good samples.

### Quality assurance

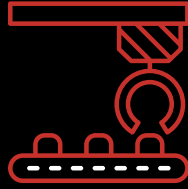
The INSPEKTO S70 can be fitted to any point on the production line. Speed of verification, combined with ease of use, means it can be moved to inspect components at different points. A huge step-change from traditional systems.

Installed in plants across the world with global leaders in manufacturing automotive, sanitary, machinery, aerospace, home appliances, and others.

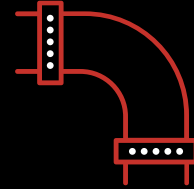




**ANY  
INDUSTRY**



**ANY  
PROCESS**



**ANY  
PRODUCT**



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