



INSPEKTO
AUTONOMOUS MACHINE VISION

Parting Wall Integrity and No Excess Plastic

Inspection Use Case

Application

Excess material check

Inspection objective

This object is a 'parting wall', part of a car's HVAC system. The holes should be clear of any excess plastic material left over from the plastic injection system.

Potential Defect types

Excess plastic material blocking the holes.

Permitted defects

The holes can have some texture flaws.

Special inspection challenges

The holes are see through without unified background.
2 similar parts come out of the machine (1+1), but the second part is turned 180 degrees

Production Environment

Line handling method

Handling Arm

Inspection triggering method

Automatic

PLC communication

Relay

Production speed

40 ppm



Part Description

Name

Parting Wall

Materials

Plastic

Part Size

25cm x 35 cm

Production process

Manufacturing

Industry

Automotive

Using INSPEKTO S70

