



INSPEKTO
AUTONOMOUS MACHINE VISION

Medical Stopcocks - Integrity Check

Inspection Use Case

Application

Plastic handle inspection.

Inspection objective and potential defect description

1. Sink marks that form when the outer plastic shell hardens before the internal plastic has had an opportunity to cool
2. Short shots caused when there is an inadequate amount of plastic material to fill the mold
3. Burn marks caused by trapped compressed air during the molding process
4. Flash marks, which is the excess plastic that extends from the end of the molded part

Permitted defects

Minor shade changes.

Special inspection challenges

Mold changes over time.

Production Environment

Inspection triggering method

Automatic

PLC communication

I/O

Production speed

60 ppm



Part Description

Name

Medical Stopcocks

Materials

Plastic

Part Size

3 cm X 2 cm

Production process

Injection Molding

Industry

Pharmaceutical

Using INSPEKTO S70

