Overview
RNA automatic inspection systems are designed to provide 360° inspection for a wide range of tablet & capsule shapes, sizes and finishes. The systems have been developed to meet manufacturing’s high speed & quality control requirements that require 100% inspection. Our experience with handling systems is key to offering a total solution when integrating a vision system for inspection. Typical projects start with an evaluation of the tablet & capsule quality parameters in order to offer a complete turn key solution.

Key Features
- High speed inspection up to 360,000 products/hour
- Full surface inspection of tablets: top, bottom and lateral side
- Colour cameras and LED illumination
- Verified rejection of passed/failed products
- Reliable; constant quality
- Easy setup and operation
- Quick and simple product changeover
- User-friendly graphical interface
- 21 CFR Part 11 compliant
- FDA approved materials

Applications
All shape & Size
Tablets - uncoated, sugar coated, film-coated, round, oblong
Capsules - hard/soft gelatine, HPMC

All visual defect
Shape, chips, dents, cracks, dirt, dots, prints, logo, colour variation, engraving, etc.

Fast and Accurate Inspection for all visual defect detection

Automatic tablet & capsule inspection systems are provided as a turn key system for total confidence of supply.

In house integration of a wide range of camera technology to provide the correct solution.

Full in house technical support with remote diagnosis capability.

Front end feasibility studies for complete peace of mind prior to investigation.
RNA Inspect 360° automatically inspects the full surface of tablets at the speed of up to 150,000 products/hour.

- Quality checking applications, sorting applications
- OCR/OCV

**Technical Data**

**Applicable tablets**

- All tablet shape - uncoated, sugar coated, film-coated, round, oblong, etc.

**Tablet size**

- Diameter: 5-12 mm
- Length: 5-21 mm
- Thickness: 2-8 mm

**Inspected surface**

- Top, bottom and side inspection

**Inspection speed**

- Up to 150,000 tablets/hour;
  Depending on tablet size and shape

**Power supply**

- 220V 50/60Hz

**Compressed air**

- 5 bar

**Inspection section**

- Lighting unit
- 2+ cameras
- Touch Panel

**Handling section**

- 65L bulk hopper
- Centrifugal bowl feeder
- Inspection conveyor compete with controlled turnover

**Rejection section**

- Rejector unit
- Defective tablet collection box
- Reject verification

**Dimensions**

- 2250 x 1100 x 1750