



# i600AG

## Inspection system



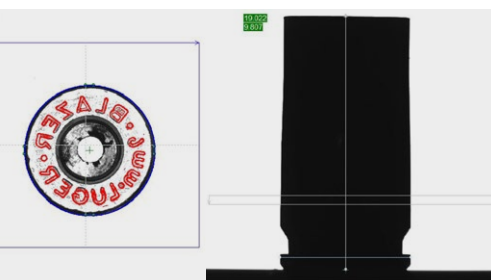
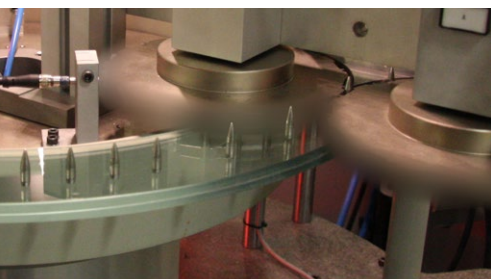
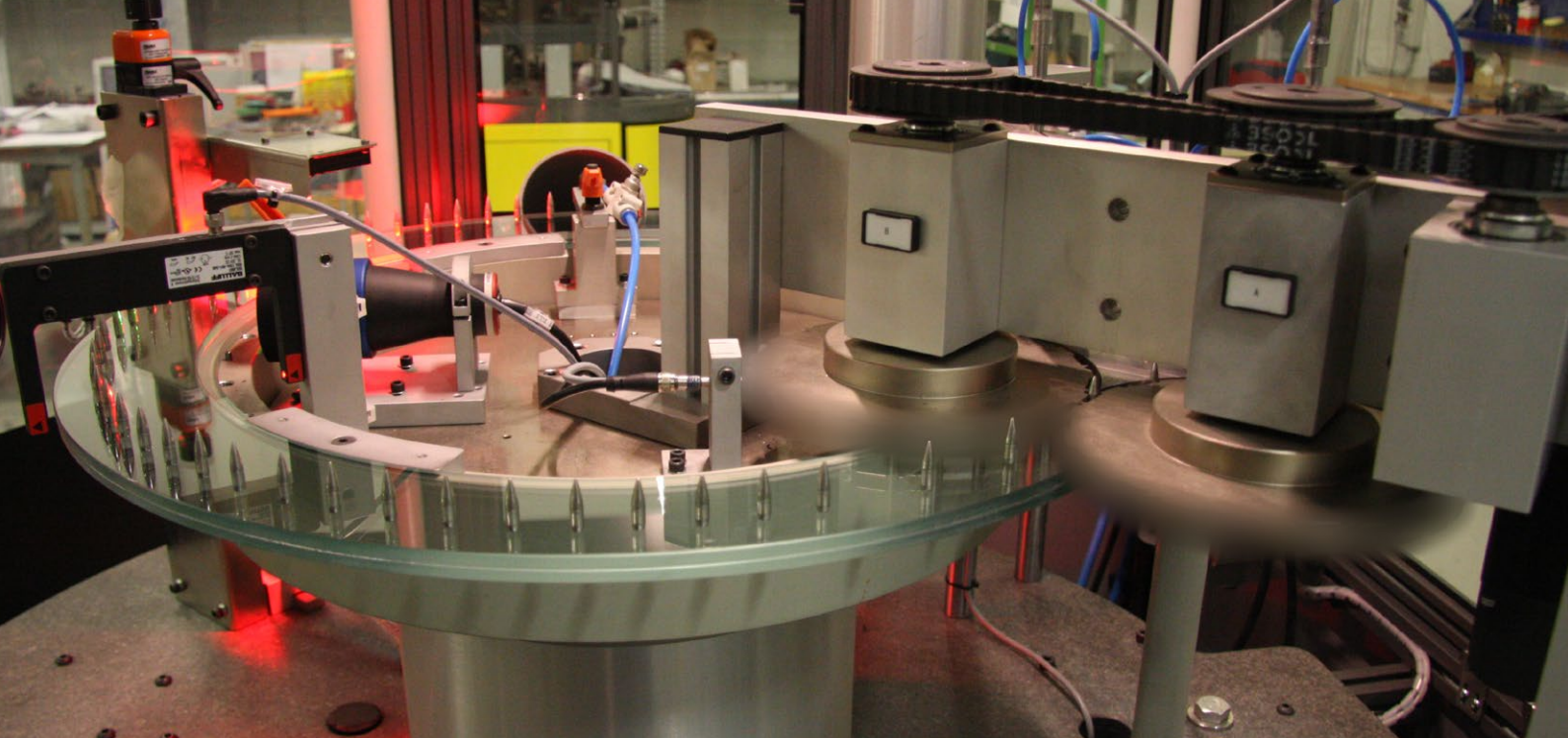
NEW **3.1MP** CAMERA  
**50% MORE ACCURATE**

Regg Inspection designs and  
manufactures **high quality inspection  
systems** with modular design.

 **Regginspection**

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HIGH PRECISION INSPECTION SYSTEMS



## Feeding

- Fully Integrated feeding system for smooth and fast inspection.
- Widest choice of feeding system depending on inspected part.
- Single piece loading or fast continuous loading.
- Ready to accept customer's feeding systems.

## Positioning

- Wide rotary table for fast and accurate inspection.
- 600 mm (23") dia. special glass rotary table.
- All parts are always in a traceable position from entrance to exits chutes.
- The widest rotary table in the industry for higher inspection modules.
- Up to four (4) inspection modules plus three (3) exit chutes.
- Internal part of the table stationary for easy positioning of inspection devices and accessories.
- Robust module frames and supports for precision and durability.

## Control units

- Camera modules with the latest vision technologies.
- High resolution digital Firewire / USB 3.0 cameras.
- Special Ultra-High resolution camera for controls.
- Highest quality bi-telecentric optics and high-performance illuminators.
- Laser and eddy current.

## Capabilities

- 360° inspection of ammunition, bullets, casings, penetrators and primers.
  - 100% dimensional controls.
- Annealing control with eddy current.

## Inspection examples

- Split cases • Scratches • Dents incl. soft dents • Wrinkles
- Flange diameter and shape • Wrong or missing stamp • Primer inspection
  - Defect or missing extractor groove • Unbalanced

## Exit chutes

- Up to three exit chutes
  - Packing
  - Conveyors



## Peripheral equipments

- Vacuum system
- Marking systems
- Teleservice
- Barcode scanner

# FEATURES AND BENEFITS

## Machine design

### Modular Design

Possibility to upgrade the machine with additional inspection modules for a calibrated investment.

### Two layer granite base foundation for strength and stability.

- The most robust machine in the industry.
- Granite base dimensions 1500x1500x130 mm (60"x60"x5").
- Granite base symmetry and flatness less than 0,0004" (0,01 mm).
- Granite base stability for vibration inhibiting due to plant machine operation, other plant operating machinery, vibratory feeders, etc.

**Highest quality pneumatic, electric and mechanical components** for reduced maintenance and increased up time.

**Surround enclosure** designed for ease of sight and ease of entry for operator and management.

**Wide doors on any machine side** with safety switches for easy machine access for easy change over and maintenance. **Swinging operator panel** easily accessible in all positions.

## Machine control

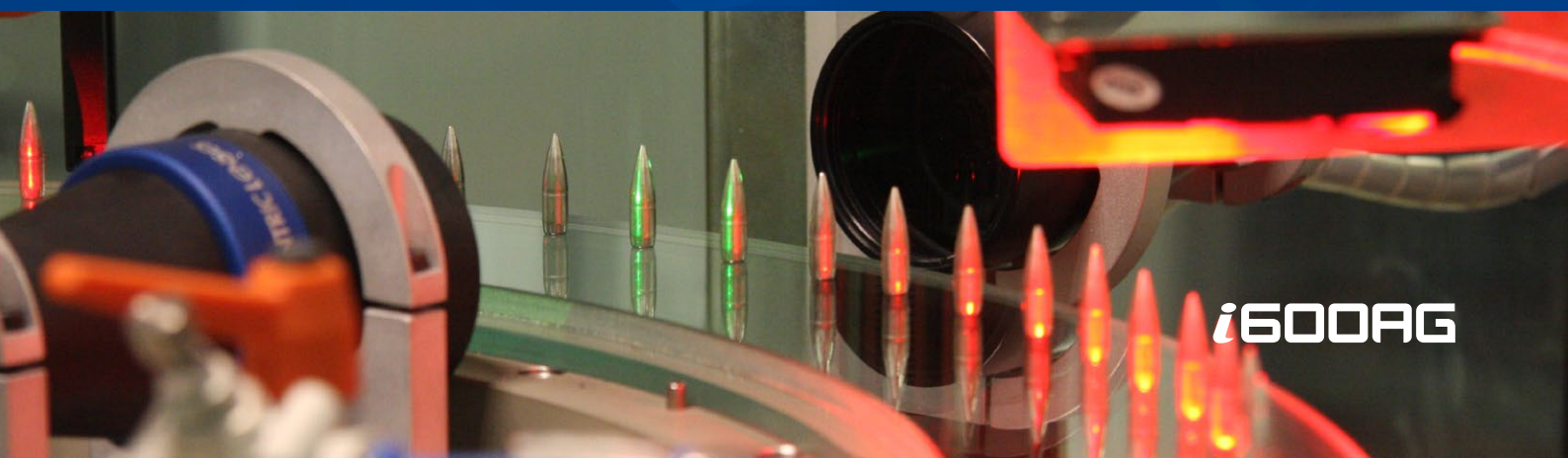
**Easy and intuitive Human Machine Interface (HMI) both for operators and programmers.**

- Wide Touch screen control panel.
- All controls integrated into one screen.
- Help on line for easy troubleshooting.
- All data and trend visible.
- All data recorded and exportable via USB or WiFi.

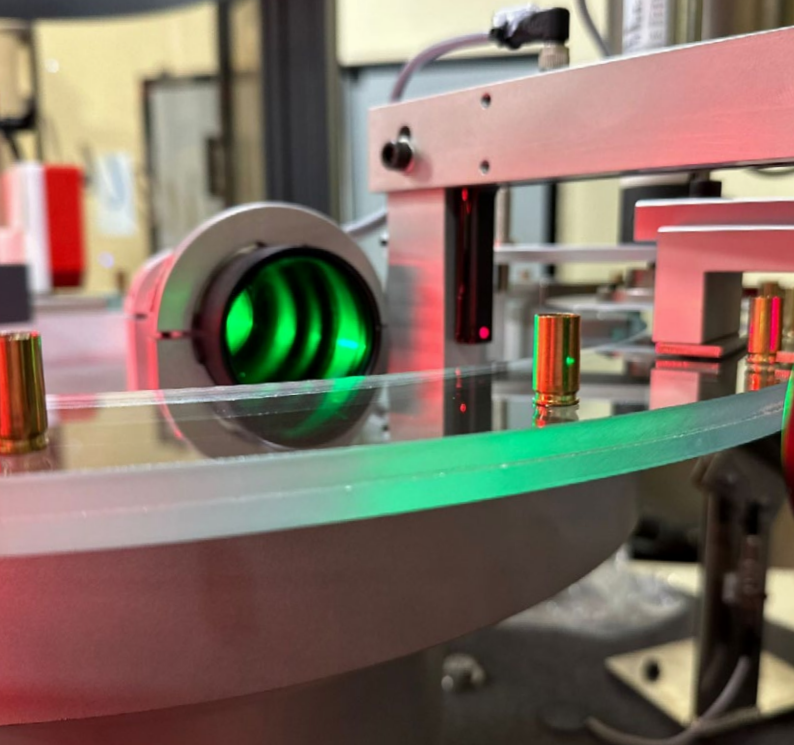
**Two onboard computer for ideal separation of system functionality and operational assurance.**

- Industrial Computer for program software utilizing Windows 10 operational software.
- PLC computer for managing support equipment including, table rotation, units synchronization, loading and off-loading. Fanless Industrial PC for durability and reduced maintenance.

**Three separate and sealed electrical cabinets** for reduced interference, easier maintenance and longer electrical components life.



**i600AG**



## Modular design

The machine can be equipped with vision systems, laser checking, laser marking and other special applications.

## Skilled staff

The company has a highly skilled technical staff, which is able to design and manufacture the highest quality inspection systems in the market.

## Service

Service center with skilled technicians are based in all main markets.

| Machine Specifications | i600AG                        |
|------------------------|-------------------------------|
| Components             | Ammunitions, casings, bullets |
| Min/Max Dia. (mm)      | 6 - 12                        |
| Min/Max Length (mm)    | 15 - 75                       |
| Max Camera number      | 4                             |
| Laser controls         | 1                             |
| Eddy current           | 1                             |
| Max Speed (pcs/min)    | 200                           |
| Dimension (mm)         | 1500 x 1500 x 2200            |
| Weight (kg)            | 1400                          |

All specifications are subject to change without prior notice. All pictures are for reference only. © Copyright REGG Inspection S.r.l.



## HIGH PRECISION INSPECTION SYSTEMS

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