



THE NEW

i600 2.0

 NEW **2.0MP** CAMERA

 **30%** MORE ACCURATE

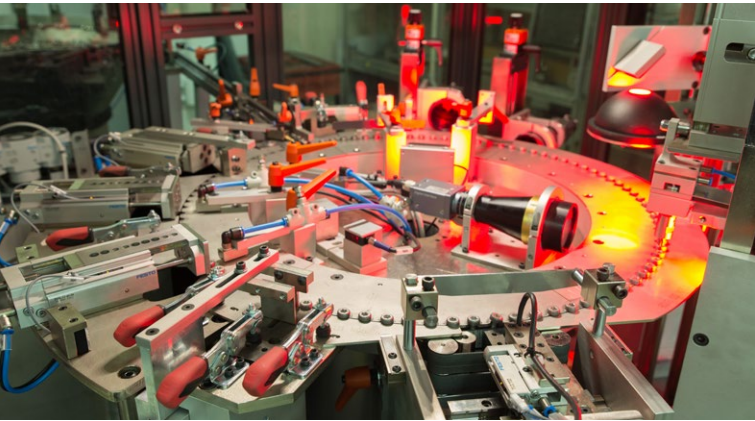
i600 Series

High quality **100%**
inspection systems

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

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.

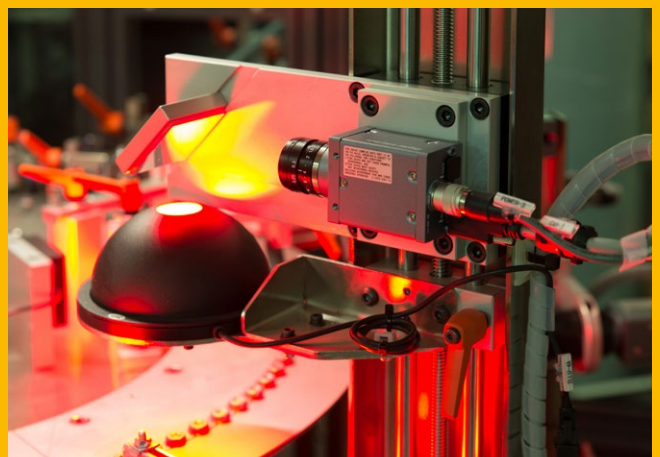
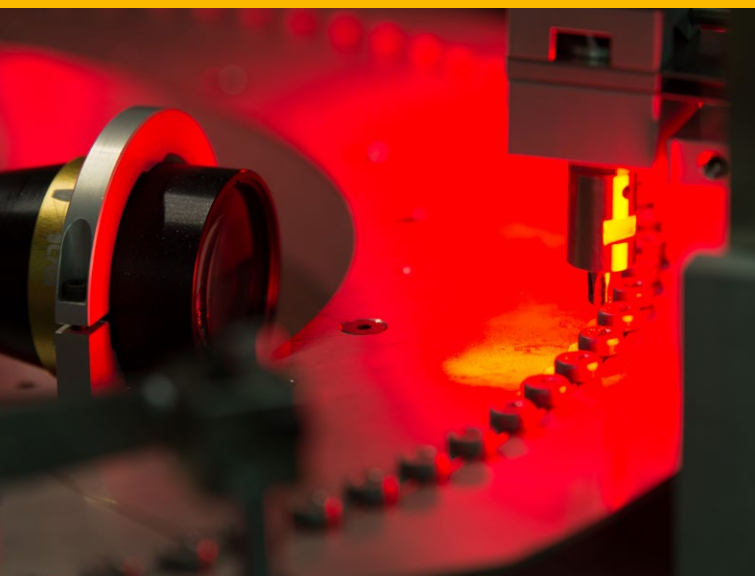


Positioning

- Wide rotary table for fast and accurate inspection.
- 600 mm (23") dia. rotary table, the widest in the industry.
- 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 eight (8) 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

- Camera modules.
- Latest vision technologies.
- Standard High resolution digital firewire cameras.
- Special Ultra-High resolution camera for controls.
- Highest quality bi-telecentric optics.
- Highest quality telecentric led direct/backlight.

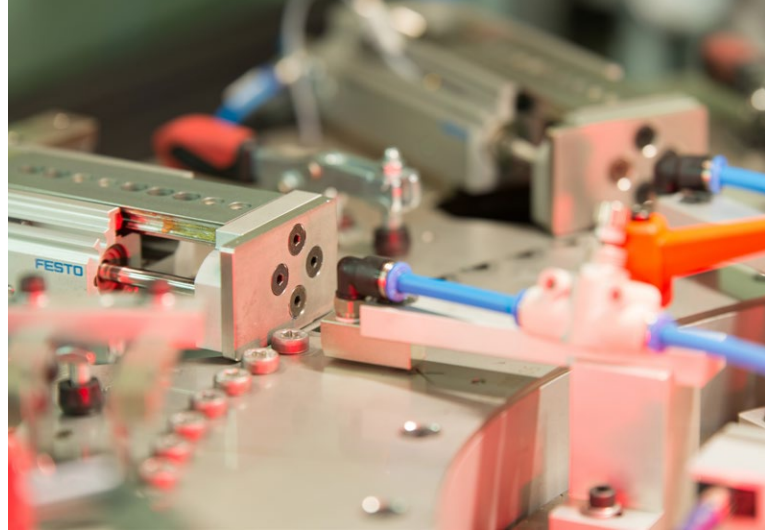


Exit chutes

- Three exit chutes.
- Packing.
- Conveyors.

Peripheral equipments

- Vacuum system.
- Marking systems.
- Teleservice.
- Barcode scanner.



Features & benefits

Machine design

Modular Design

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

Two layers 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 .0004" (.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 easy 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.

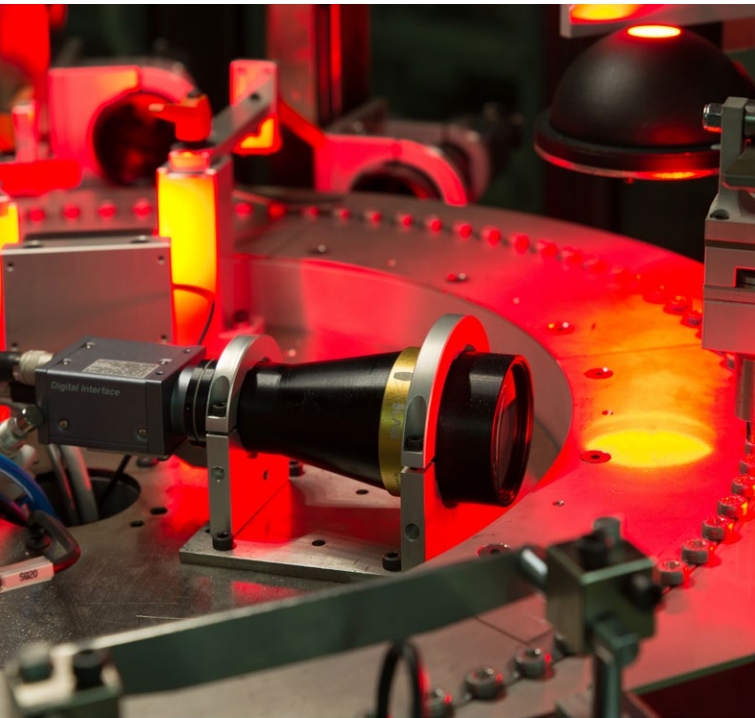
Two onboard computer for ideal separation of system functionality and operational assurance.

- Industrial Computer for program software utilizing Windows 7 operational software.
- PLC computer for managing support equipment including, table rotation, units synchronization, loading and off-loading. Industrial PC fanless for durability and reduced maintenance.

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

Built-in cpk function. Automatic controls of machine functionalities. Anti-locking device to minimize manual intervention.

- The table try to disengage automatically in case part is blocking the table.
- "Repeat" function to double check a out of range part.



Modular design

The machines can be equipped with vision systems, mechanical recess control, 360 degree profile control, eddy current crack detection, 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	i600	i600-L	i600-M	i600-N
Components	Small fasteners (M3 - M20)	Medium/Large fasteners (M4 - M12)	Mechanical components	Nuts (M4 - M12)
Min/Max Dia. (mm)	4 - 45	4 - 45	2 - 70	6 - 32
Min/Max Length (mm)	6 - 160	12 - 250	3 - 160	-
Max Camera number	5	5	5	5
Mechanical controls	•	•	•	•
Laser controls	•	•	•	•
Eddy current control	•	•	•	•
Max Speed (pcs/min)	500	500	120	250
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.



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