



i600G 3.0

Inspection system

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

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

 **Regginspection**

HIGH PRECISION INSPECTION SYSTEMS

www.regginspection.com



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

- Camera modules.
- Latest vision technologies.
- High resolution digital Firewire / USB 3.0 / GigE cameras.
- Special Ultra-High resolution camera for controls.
- Highest quality bi-telecentric optics.
- Telecentric high-performance illuminators.



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

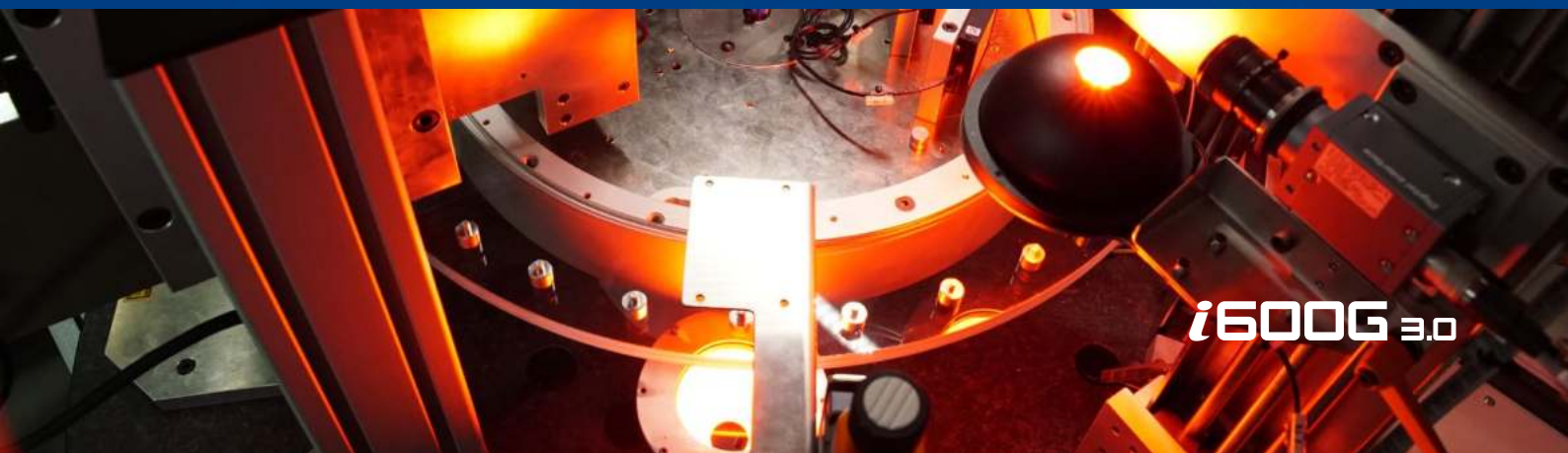
Easy and intuitive Human Machine Interface (HMI) both for operators and programmers.

- 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 7 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.



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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	i600-G
Components	Nuts/Washers (M4 - M20)
Min/Max Dia. (mm)	6 - 50
Min/Max Length (mm)	2 - 24
Max Camera number	4
Laser controls	2
Max Speed (pcs/min)	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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