



ANTARES VISION
GROUP LIFE SCIENCE

DIAMIND | LINE

**INSPECTION
MACHINES**

SOLUTIONS RANGE



HOW TO GUARANTEE YOUR PRODUCT QUALITY & INTEGRITY?

Antares Vision Group range of Inspection Machines is designed to guarantee your product's **quality, integrity and safety**, meeting regulatory requirements. Combining Antares Vision Group & Convel Tech **diverse technologies, we guarantee the most comprehensive inspection machine solutions**, from well-established techniques to the latest advancements in the industry: we target the highest quality inspection standards.

VI – VISUAL INSPECTION

Automatic Visual Inspection ensures **accurate cosmetic and particle detection**.

CCIT – CONTAINER CLOSURE INTEGRITY TESTING

A Leak Detection **multi-tech approach** for effective non-destructive integrity testing.

The AV Group Ecosystem of diverse inspection technologies guarantees:

- **100% quality** inspection
- Stand-alone or in-line integrated solutions
- Highest reliability **minimizing the risk of false rejection** or inaccurate inspections
- The best technologies and engineering for each specific need
- **Flexible design** approach
- The capability to offer optimized and integrated **cross-technology solutions**

With an extended portfolio and deep expertise in advanced inspection technologies, we can provide flexible inspection solutions at any stage of the product journey: **from laboratory equipment** to the most advanced **automatic solutions for high-volume production**.



AUTOMATIC INSPECTION MACHINES



SEMI-AUTOMATIC INSPECTION MACHINES



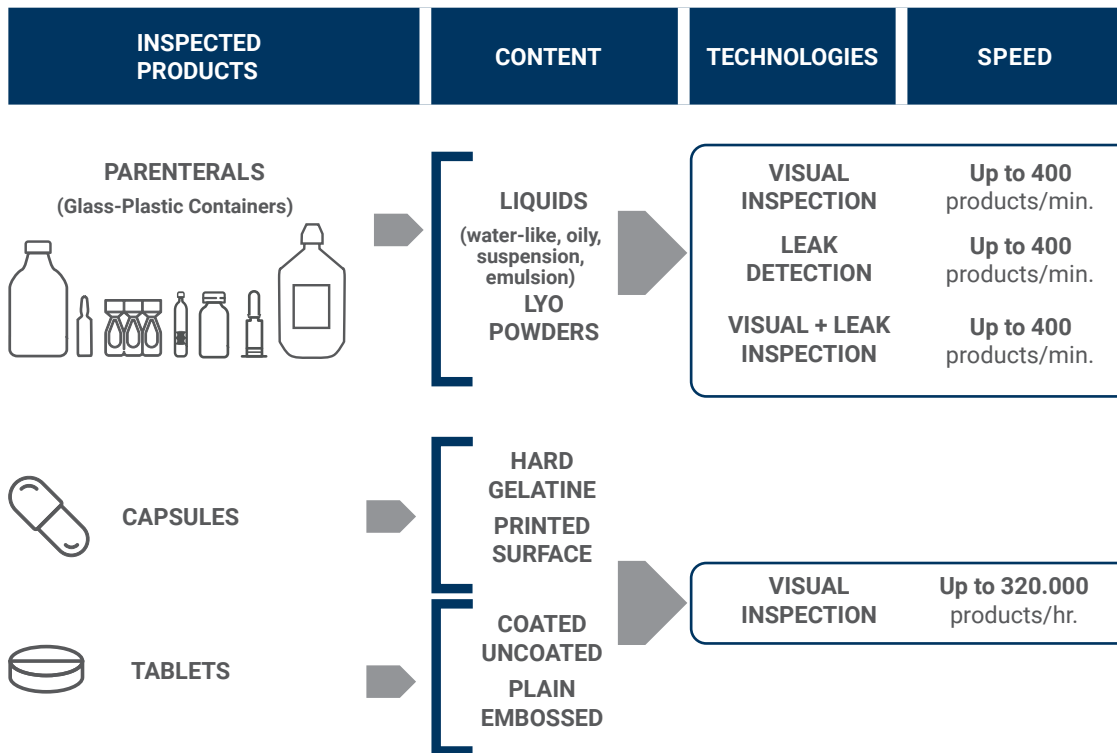
LABORATORY EQUIPMENT

AUTOMATIC INSPECTION MACHINES

The Antares Vision Group's new-generation of vision technologies allows product inspection on **any container** and **product content from any angle** during different production process phases.

OUR GUIDING PRINCIPLES:

- **Fast, smooth, and multiple product handling:** top & bottom handling or advanced single-point handling with super-light grippers
- **Patented optical layout** solutions for optimal light source configuration and wider inspection capability
- **Proprietary algorithms** and powerful **image processors** for the fast and smart elaboration of multiple imaging and CCIT data simultaneously



CCIT: A COMPREHENSIVE APPROACH

LEAK DETECTION

- **VDLD Vacuum Decay**
(100% container surface)
- **PDLD Pressure Decay**
(100% container surface)
- **HVLD High Voltage**
(optimized in specific areas)
- **HSGA Head Space Gas Analysis**
(Typical for Freeze Dried)

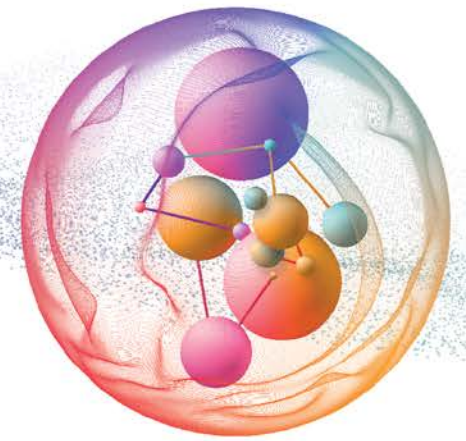
The **simultaneous availability** and a **combination** of these technologies is the right solution for **effective CCI testing**.

HIGHLIGHTS:

- Patented mechanical solutions to ensure wider inspection space and higher accuracy
- Quick format change and easy maintenance
- Advanced detection technologies including: embossing recognition, container orientation, air bubble filtration, particle tracking

DIAMIND

POWERING PRODUCTS AND SUPPLY CHAINS



DIAMIND IS THE INTEGRATED, INTELLIGENT ECOSYSTEM OF SOLUTIONS TO POWER PRODUCTS AND SUPPLY CHAINS, ENABLING A DATA-DRIVEN AND TAILORED JOURNEY TO DIGITAL INNOVATION.

Connecting physical products with digital identities, DIAMIND runs at the line, factory, warehouse, enterprise and supply chain levels, and guarantees product quality (inspection systems and equipment) and end-to-end traceability (from raw materials to production, from distribution to the consumer and back) through integrated and cloud data management.

DIAMIND

LINE
FACTORY
WAREHOUSE
ENTERPRISE
SUPPLY CHAIN

powering
innovation

Expresses the potential of integration within DIAMIND suites at multiple levels, shaping future growth

DIAMIND | LINE

- Primary packaging serialization

DIAMIND | FACTORY

- AI empowerment for visual inspection
- Maintenance management: corrective, preventive and predictive
- Real-time OEE monitoring: loss and waste analysis
- Quality: automated line clearance



ANTARES VISION S.p.A.
Headquarters: via del Ferro, 16 - Travagliato - Brescia - ITALY
T. +39 030 72 83 500 / info@antaresvision.com
www.antaresvisiongroup.com



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