Unlike the “Do It Yourself” approach or using a one-off system from a local integrator, our turnkey offering includes all of the necessary elements for a successful in-line vision inspection program; from sample evaluation through implementation, including ongoing support through our worldwide vision support network. The V6300 efficiently mitigates critical packaging related risks and provides an expandable vision system designed for customers who demand robust, reliable inspection solutions.

Benefits

- Quickly detects labeling and packaging defects and alerts operators, allowing for faster responses to production error
- Product tracking ensures defective products are removed from the production line every time
- Design allows for easy adaptation to future inspection requirements

For consumer packaged product manufacturers wanting to control the quality of their label or packaging, the V6300 Series is a standard, easy-to-use and flexible machine vision system that is pre-configured to provide a complete solution for common packaging and labeling defects.
Investing in vision inspection can be costly when each system is limited in the number and type of inspections it can perform. That is why we made sure the V6300 Series can multitask. One V6300 can perform numerous inspections using a single camera or multiple linked cameras, providing comprehensive quality assurance. Set up the inspections you want (or have us do it for you in our state-of-the-art vision lab) and the V6300 will handle the rest. Changing between pre-configured inspection routines is easy using the CIVCore® control software; its wizard-based product training allows manufacturers to keep pace with ever-changing graphics, packaging innovations and new products.

A successful vision inspection system relies heavily on knowing where the package is on the line. From image acquisition, to defect detection, to product rejection, the V6300’s product tracking capability is the difference between rejecting defective products and throwing away good products in error. Careful synchronization of cameras, lights, conveyors and rejectors keeps defects in the reject bin and off retailer shelves.

### Flexibility
Adapting to Your Needs

Economical Design
Configurations to fit every budget, line layout and plant environment. Additional options include knuckle mounted and remote station monitors. The V6300 is the perfect turnkey solution for a wide range of package inspection needs.

Seamless Line Integration
The V6300’s flexible design means simple installation into your production line without the need for costly line breakages or product handling.

Modular Design
Incorporating additional equipment is a snap with our easy-to-use light and camera mounts, allowing manufacturers to upgrade their vision system as their needs expand.
Easy Operation and Maintenance

The V6300 has been designed specifically for ease of use. Parts are readily accessible for maintenance and can be quickly replaced when needed.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>V6300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Length and Width</td>
<td>605 mm x 411 mm</td>
</tr>
<tr>
<td>Terminal Height</td>
<td>1400 mm</td>
</tr>
<tr>
<td>Frame Dimensions*</td>
<td>Variable</td>
</tr>
<tr>
<td>Line length requirements**</td>
<td>650 mm</td>
</tr>
<tr>
<td>Inspection Speed</td>
<td>in excess of 1000ppm</td>
</tr>
<tr>
<td>Vision Technology</td>
<td>PC Controlled GigE Cameras</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>110-220 V (single phase), 50-60 Hz</td>
</tr>
<tr>
<td>Operating Temperature (°C)***</td>
<td>up to 43.3</td>
</tr>
</tbody>
</table>

* Frame dimensions can vary depending on installation options
** Line length requirements can be smaller or larger depending on installation options
*** Without optional A/C unit

Optional IP65 Capabilities

Manufacturers who require machines built to IP65 standards will find that the V6300 is up to the task, with optional camera housings and terminal vent covers that protect sensitive components from moisture.

Quick Frame Adjustment

With the Rapid Fit™ frame, manufacturers can adjust to new line layouts quickly. To reduce clutter, the frame poles can be cut and capped to fit in tight spaces.

Easy Operation and Maintenance

The V6300 has been designed specifically for ease of use. Parts are readily accessible for maintenance and can be quickly replaced when needed.
Specifications:
V6300 Series

Inspection Capabilities
- 1D and 2D barcode presence and reading
- Alpha-numeric text presence and reading
- Presence and quality of graphics
- Label quality, position and skew*
- Fill level and closure application
- Gauging, locating and identifying obvious defects in package*

Software Capabilities
- Failure string signals: The V6300 can be programmed to signal operators or shut down production based on production trends or a set of consecutive failures, allowing for early detection of weak points in the production process.
- Anti-circumvention capabilities provide a safeguard against bypassing inspection to speed up production—making sure that every product gets inspected.
- CIVCore interface is standard on all METTLER TOLEDO CI-Vision systems—companies with other CI-Vision inspection systems on their line will find the same easy-to-use interface on the V6300. First time users will find the software easy to learn.**

Available Configurations
- V6300 Kit: Includes cameras, lights, product tracking and control terminal. The basic configuration, the V6300 kit allows manufacturers who have the ability and experience necessary to effect installation*** of the system on their own.
- V6300 Rapid Fit: Includes cameras, lights, product tracking, control terminal and our Rapid Fit frame. For manufacturers looking for an installation option that can quickly adapt to new production line layouts.

* Talk to a METTLER TOLEDO representative about your specific needs.
** METTLER TOLEDO offers training classes for beginners and advanced users alike. Contact a METTLER TOLEDO representative for more details.
*** METTLER TOLEDO offers assistance with system installation and integration. Custom options are available. Contact a METTLER TOLEDO representative for more details.