Manufacturers of flat, oriented products seeking an effective label inspection system will find the V2622 to be a kit that provides the required tools without the added cost of unneeded features. While complex products may require complex inspections, a simple label or print quality inspection can be done effectively using the V2622.

**Benefits**

- A scalable design means the system can expand if inspection needs change
- Intuitive vision software allows for user friendly set-up and operation
- The kit is a combination of standard components, making for fast delivery and easy servicing.

The METTLER TOLEDO V2622 Flex-Lite is a modular vision inspection system for manufacturers seeking an entry level vision inspection solution for oriented products. With a straightforward design, the V2622 provides precise tools required for your inspection without complex features.
Integrating machine vision into a production process does not need to be a complex affair, nor does it always require a PC-controlled vision system. Sometimes you have everything you need apart from the cameras—and if that is the case, then the V2622 is the perfect fit. The base configuration starts with a Smart Camera and patch panel which installs on your existing control panel, or a Smart Camera and a drop-in control panel—no external lighting, no electrical cabinet, just the vision components. If there is no room for installation on your existing control panel, a drop-in panel can be installed in your cabinet or in a separate electrical cabinet; further components can be added depending on your requirements. We provide turn-key service and support for the installation process, and as you become more comfortable with the technology our support can be stepped down for future systems. Plug a laptop running our vision software into the camera, change inspection profiles and walk away—or use our Vision Configuration Unit as a permanent touchscreen interface, with real-time pass/fail counts and image display showing the number of defective products detected.

**Simple**
Only What You Need

**LED Status Lights**
The V2622’s Smart Cameras feature a row of LEDs which indicate the quality of connection, camera state and output signal, simplifying the troubleshooting process.

**Compact**
The V2622’s components are made to fit into tight spaces including packaging machines and existing production lines. The drop-in control panel can be added to an existing electrical cabinet, further minimizing the V2622’s footprint.

**Liquid Lens**
Product changeovers often require changing the position of the camera, adding time to the product changeover process. We have eliminated this step by offering Smart Cameras with a liquid lens which changes the camera’s focus without any moving parts.
Every component of the V2622 from cabinet to camera can be built to conform to IP64 industrial standards for washdown, adding flexibility to where the V2622 can be installed.

The V2622 is a modular system, allowing you to choose only the components, software, service and project management on subsequent systems you need, keeping the cost of implementing a vision inspection program low.

Available Parts

<table>
<thead>
<tr>
<th>Available Parts</th>
<th>Mandatory</th>
<th>Optional</th>
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<tbody>
<tr>
<td>Patch Panel</td>
<td></td>
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<tr>
<td>Smart Camera 1 (cables and SMC Software included)</td>
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<tr>
<td>SMC Client Software</td>
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<tr>
<td>Inspection Manager software</td>
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<tr>
<td>Drop-in Panel</td>
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<tr>
<td>Smart Camera 2 (cables and SMC Software included)</td>
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<tr>
<td>Mounting Bracket</td>
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<tr>
<td>External Lighting</td>
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<tr>
<td>Lighting cabling</td>
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<tr>
<td>Vision Configuration Unit (VCU)</td>
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<tr>
<td>VCU Mounting Post</td>
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<tr>
<td>Electrical Cabinet (replaces Patch/Drop-in Panel)</td>
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Software & Touchscreen

The V2622’s Smart Cameras are controlled through the Inspection Manager software which uses a simple wizard-based interface to set up new inspections. The optional Vision Configuration Unit (VCU) gives the V2622 a permanent screen for real-time status updates.

IP64

Every component of the V2622 from cabinet to camera can be built to conform to IP64 industrial standards for washdown, adding flexibility to where the V2622 can be installed.
**Specifications:**
**V2622 Flex-Lite**

**Inspection Capabilities**
- 1D and 2D code reading
- Variable data reading
- Graphical identification
- Label position & skew
- Case Count
- Cap presence
- Cap position
- OCR & OCV
- Print presence

**Software Capabilities**
- Two software packages from which to choose ensure only the inspection tools you require are installed on the Smart Camera
- Preset system permission packages allow for rapid creation of new users, getting personnel up-to-speed quickly
- Inspection Manager main screen gives fast access to Smart Camera software and real-time pass/fail count
- Wizard-based part training makes changes fast and easy

**Solution Assistance Services**
METTLER TOLEDO offers a fully turn-key installation service, beginning with a no-cost comprehensive Solution Recommendation. With end-to-end project management, engineering services, vision setup, installation, operator training, solution sign-off and ongoing technical support, your vision program is covered from start to finish. As you become more familiar with the technology, these Solution Assistance services can be scaled back as a way to save on future systems.

*Other Smart Camera sizes available. Maximum camera size is 80x60x100 mm*