



Weber Packaging Solutions has purchased several vision inspection systems from Advanced Vision Technologies, Ltd (AVT). These units allow us to discover intermittent defects that simply cannot be detected by standard label inspection techniques.

We are pleased to tell you that your label shipments just got a whole lot better. Here's why:

Every inspection job that runs on a press outfitted with this equipment is now tailored to *YOUR* label.

With help from a digital proof, the software recognizes design elements on your label, such as text, barcodes, graphics, lines and diecuts – to name a few—and has specific requirements for those elements. The data inputs from the original job are saved for subsequent jobs, and can be altered, if necessary. Every label that is run on press is compared to this master file, ensuring 100% inspection.

Key Technical Specifications for AVT's Printvision/Helios II:

Camera & Optic Head specifications

- Printed web width: 330mm (13")
- Camera type: LCCD Color
- Camera resolution: Selectable (2K, 4K, or 2 x 4K pixels)
- Lighting system: Specially designed fluorescent illumination

Automatic inspection specifications

- Registration – detects shifting at distances as little as **0.2mm**
- Spots – identifies ink spots or particulate matter as little as **0.02mm²**
- Character Voids - detects voids on text or barcodes as little as **0.02mm²**
- Color - detects differences in color contrast down to **0.39%**, in areas as small as **2.0mm²**

At Weber, we understand that your industry expects quality, consistency and traceability. We share those needs and are pleased that our vision inspection equipment will make an impact in your quest for high standards.

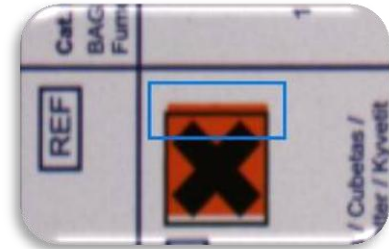
Samples of Inspection Capabilities



Spots



Missing Text



Mis-registration



Color

Barcode Statistics ✕

Type	UpcEan	
Value	0600976145585	
A Grade	5	2.36 %
B Grade	146	68.87 %
C Grade	58	27.36 %
D Grade	3	1.42 %
F Grade	0	0.00 %
NotReadable	1	

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Barcode Statistics