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 PACKAGING AUTOMATION SPECIALISTS

## V35 System

### Vision Inspection 360°



#### 360° Label Inspection

Verify the full 360 degree view of product label data such as 1D barcodes, 2D codes, and alpha-numeric text along with quality for tears, wrinkles or label duplication.



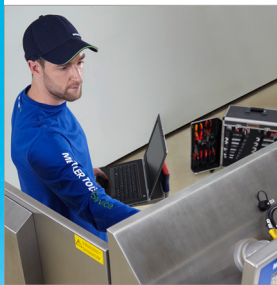
#### Cap Inspection

Perform inspection of cap or lid placement to help ensure proper closure, or tamper band presence to minimize the risk of the container leaking further along the production line.



#### Supports Multiple Inspections

Manage inspections in multiple locations on the production line using a single control system, typical in application of labels and caps.



#### Global Service Support

A global network of service experts provide fast remote and on-site support. Our comprehensive service offering allows you to achieve regulatory compliance, high performance, and maximum uptime throughout the life cycle of your product inspection equipment.



#### Advanced, Automatic, High-throughput

Sophisticated 360 degree inspection of round containers. Get a complete picture of every package with six camera configuration for maximum inspection.

- **Breakthrough Design** – Unique six camera configuration captures a 360 degree view of each product for 100% inspection of label design and packages up to 230 mm diameter.
- **Automate Product Changeovers** – Cameras adjust automatically to support a range of field of view requirements on a variety of product sizes, enabling easier product changeovers.
- **High-speed Configuration** – Installs on new or existing production lines with speeds up to 1,000 ppm for minimal disruption to current processes.

# V35 Vision Inspection 360°

## Technical Specifications



### Typical Containers – Round Products

#### Applications

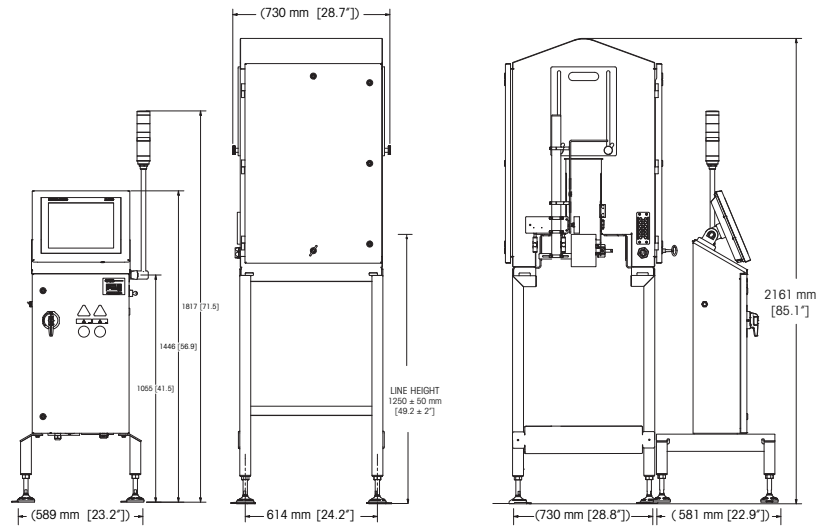
Label data and quality inspection, package integrity, cap inspection, label mix-up prevention.

#### 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
- Cap presence, color and skew

#### Available Configurations

- **Standalone System** – Can be placed directly over conveyors with a control cabinet positioned for easy access next to the enclosure or elsewhere on the line.
- **Multiple Lighting Options** – Advanced lighting options are designed to create optimal contrast in order to detect defects in labeling and packaging
- **Advanced Camera Configurations** – Powerful pc-controlled cameras come in a variety of resolutions, lenses, and filters that are designed for optimum speed and performance for your application.



Schematic – Front and side view (typical dimensions)

Model	V35 Vision Inspection 360° System
Product Shape	Round containers
Inspection Area	360° Side
Product Width	125 mm diameter
Field of View	165 x 125 mm (6.5" x 4.9")
Label Data Inspection	1D/2D Barcodes; Alpha Numeric
Label Quality Inspection	Label Wrinkles; Graphical ID; Label Placement; Label Skew
Cap Inspection	Presence; Color; Skew
Cameras	Up to 8 PC-Controlled GigE Cameras
HMI	15" Color Touchscreen
Throughput	Up to 1,000 ppm
Design Options	Standalone
Power Requirements	110 - 230 V (single phase), 50 - 60 Hz
Operating Temperature (no A/C)	<35 °C(95 °F) <80 % humidity
Hygienic Requirement	Wipe Down (<IP54); Low Pressure (IP65)

Note: The system has additional options that can be configured to your production line. Contact us to get a quote.



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#### For more information

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