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INSPECT-TEMP

Temperature inspector

Automatic temperature measurement system for the product on the production line.

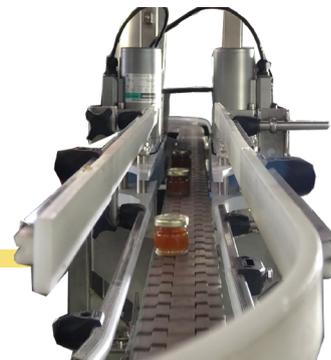
Measurement of the product's actual temperature, not the container's.

Based on the measurement of the product's infrared radiation with a high-speed pyrometer, able to take 1,000 measurements per second.

The microprocessor takes measurements all along the container. It is also possible to collect excellent numbers on repetitiveness and precision.



Speed
39,000 UPH



ADVANTAGES

- Compact and linear system.
- **High-performance** production, up to 39,000 UPH.
- **Easy** installation on pre-existing belt.
- **Robust, compact**, and resistant design.
- Does not require **maintenance**.

CHARACTERISTICS

- Measurement range 50°C to 120°C.
- Can take up to 1,000 measurements per second.
- Fast and compact installation on the existing belt.
- High-speed lines up to 39,000 UPH.
- Sensor alignment by indicating measurement squaring with laser pointers.
- Measurement stability against drops of water on the surface of the container.
- Measurement stability against ambient light.
- The sensor does not require additional cooling or ventilation systems.
- Intuitive user interface.
- Remote control and remote diagnosis via the internet.
- Parameters and tolerances allowed for each format.
- Production statistics in real time.
- Automatic height adjustment.
- Software able to manage rejection and external inspection signals.

OPTIONAL/VERSIONS

- **Mechanism to separate incoming containers** when necessary to ensure that the bottles reach the rotation point with a minimum gap.
- **Rejection/diversion devices** for containers detected as defective.
- **Belt section with suction** for unstable, lightweight, and/or empty containers.
- **Compacting systems** for pack preparation.