**BARRIERWATCHER®**

**INSPECTION OF BARRIER LAYERS**

The BarrierWatcher® accomplishes the inspection of the entire EVOH barrier layer without destroying the packaging. The system is easy to use and detects holes and thin areas in the barrier layer with a special measurement procedure.

The BarrierWatcher® typically inspects *containers, cups, single-serve capsules and closures.*

The specific characteristics of the objects are analyzed and a distinction between the base material and the barrier layer can be made. Holes in the barrier layer are made apparent through comparison to a reference sample and defect parts are automatically sorted out from the production line.

The BarrierWatcher® is available as a *lab system* with manual feeding or as an *inline system* integrated into the production line. When used as an inline system, the BarrierWatcher® identifies defects and correlates them to the specific cavity. This way, the operator can easily localize faults on the production machine and perform a targeted maintenance. As an inline system the BarrierWatcher® can be configured to all current production rates.
**BARRIERWATCHER®**

**INSPECTION OF BARRIER LAYERS**

**INSPECTION CRITERIA**

- Detection of holes and thin areas in the barrier layer
- Inspection of both smooth and structured areas

**Inspection accuracy**

- 1 x 1 mm (at 50 mm object diameter)

**Inspection speed**

- Up to 10 objects / second (maximum object rate)
- 300 ms idle time under the camera

**Electric connection (electrical cabinet)**

- Rated voltage AC 230 V, 50/60 Hz*
- Rated current 1 A

* All systems are available in UL/CE configuration

Other voltages upon request

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WE SOLVE PROBLEMS. BEFORE THEY OCCUR.