

CHALLENGES

- To **manage product profitability through a consistent tobacco fill**
- To **protect product quality and smoking experience** by reducing breakage, air pockets and loose filters through a consistent and compact tobacco fill
- To identify the **most efficient and cost-effective product control**

SOLUTION

METRIX OD is an outer diameter control solution well-adapted to controlling cigarette diameters - an indicator of tobacco fill. It is equipped with :

- A contactless, pneumo-electronic transducer
 - That therefore doesn't damage the rod
 - In which the rod being manufactured can "flow"
 - Able to measure with a 5 µm accuracy
- Software for recording and analyzing measured diameters, and for drift detection alerts

Software can dynamically correct manufacturing parameters.

BENEFITS

Quality and profitability

The control solution is online and :

- Is significantly faster than manual control
- Is as close as possible to the manufacturing process so able to detect drift very early
- Quickly and dynamically corrects process parameters

The solution therefore improves profitability by quickly detecting and correcting for any off-spec. cigarette production.

METRIX OD

