Smart and dynamic bottle blowing control system

Sidel IntelliADJUST™ for Matrix

VALUE AND BENEFITS

GREATER BOTTLE QUALITY CONSISTENCY
- Precise and efficient inline thickness measurement
- Continuous closed loop process control
- Guaranteed quality whatever the production conditions

EASY TO USE
- Expert-free system
- Automatic process adjustment
- Calibration-free system for production and format changeovers

MORE SUSTAINABLE
- 100% reliable across a wide range of preforms including rPET
- Less destructive lab controls
- Eliminates scrap produced by inconsistent material distribution

COST EFFECTIVE
- Maximised marketable production
- Reduced lab control operations and equipment
- Immediate start up after changeovers

DIGITAL AND CONNECTED
- Powered with a special App from the EvoON suite
- Advanced data analysis and statistics
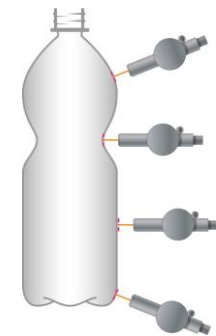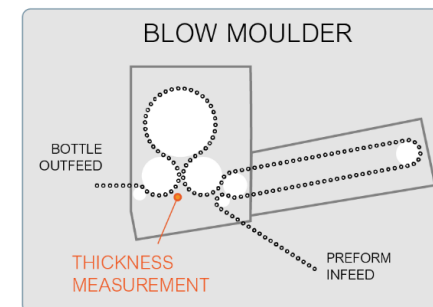- Benchmark performance and parameter monitoring

DESCRIPTION

Precise and efficient one-sided measurements using interferometric sensor technology, based on reflected infrared light

- Four measuring points to secure consistent bottle quality
- High-precision measurements **+/- 2 µm**
- Adjustable positions for measuring critical bottle points
- Combined with vision system to check the bottle base injection point

100% reliable and calibration-free, across a wide range of preforms - translucent, colored, rPET or virgin

- Available for cylindrical, translucent and opaque bottles without TiO_2

BLOW MOULDER

BOTTLE OUTFEED

THICKNESS MEASUREMENT

PREFORM INFEED

Value: Product Quality, Cost Optimization, Sustainability

Equipment: Matrix

Catalogue code: 2081