INNOVATIVE TECNOLOGY
[LASER SPECROSCOPY BASED]

IN-LINE, NON-DESTRUCTIVE **LEAK DETECTION SYSTEM**

ESCAPING CO2 DETECTION

DESIGNED FOR MOST OF THE MODIFIED ATMOSPHERE PACKAGING **[MAP] PRODUCTS**

SAFETY AND QUALITY PROTECTION
[PERCEIVED QUALITY IMPROVEMENT]

- **PROTECTS** THE EXPECTED **SHELF LIFE**
- **PROTECTS** THE PRODUCTS **FROM MOLD**
- **PREVENTS MARKET CLAIMS** DUE TO PRODUCTS NOT SEALED
- **AVOIDS TASTE AND FLAVOUR CHANGES** [CAUSED BY GAS MICRO-LEAKS]

PACKAGING PROCESS IMPROVEMENT

- **100% OF PRODUCTION** INSPECTED
- INSPECTION AT **FULL PRODUCTION SPEED**
- **REAL-TIME FEEDBACK** FOR TARGETED MAINTENANCE [SYSTEM LOCATES RECURRENT LEAKS THAT OCCUR IN THE SAME AREA OF CONSECUTIVE PACKAGES]

EASY USE AND SETUP

- **QUICK AND EASY CHANGE OVER**
  - INTEGRATED FORMATS ARCHIVE
  - SEARCH ENGINE TO FIND FORMATS
  - BARCODE READER FOR AUTOMATIC CHANGE OVER [OPTIONAL]
  - MOTORIZED SENSORS POSITIONING [OPTIONAL]
- **WIZARD TOOLS TO SETUP A NEW FORMAT**
- **AUTOMATIC CALIBRATION AND REJECTION LIMITS SETTINGS**

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ADVANTAGES

FOOD SAFETY AND QUALITY PROTECTION
- It protects the products from mold
- It assures the expected shelf life
- It avoids taste and flavour changes
  [caused by gas micro-leaks]
- It prevents market claims due to products not sealed

PACKAGING PROCESS IMPROVEMENT
- 100% of production inspected
- Inspection at full production speed
- Real-time feedback for targeted maintenance
  [system locates recurrent leaks that occur in the same area of consecutive packages]

MAXIMUM FLEXIBILITY
- Wide range of inspectable packaging types
- Leaks detection on whole pack surface
- Modular and adaptable detection device
- Easily fitting into existing production lines
- Reliable testing system for checking new packaging solutions

INSPECTIONS
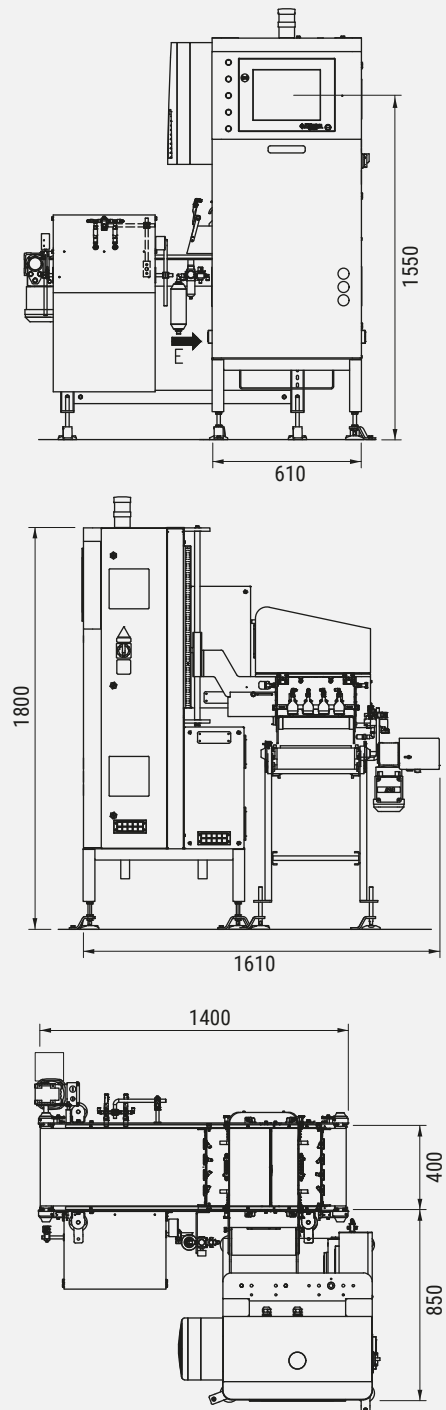- Escaping CO2 detection

MARKET

BAGS
MAP Packed

TRAYS
MAP Packed

FEATURES

- Configurable architecture
- Hygienic design oriented
- Expandible and upgradeable
- Rejection system management
- Industry 4.0 compliant

- 15" Color touch screen
- Real time monitoring of: production trend, results, detected values
- Operation log database
- Exportable results
- Historical results database

1550

610

1800

1610

1400

400

850

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