Easy TS is a compact and robust device suitable for execution of sampling test; it is specifically designed to be installed on board of filling lines and to be used by fillers.

+ Main Strengths

• Compact design
• Non destructive control
• Exhaustive method
• Precise and accurate output
• Easy and fast setup
• Easy setup
• Configurable for different neck finish
• Not specific skills needed (thought as production and QC tool)
• Detection threshold compatible with microorganism dimensions
• Very short measuring time
• Fully safe condition for the operator
EasyTS + device for off line leak test

+ Functioning

Once set up, Easy TS doesn’t require any calibration nor specific skills to be used; qualitative and objective OK/NOK output coupled with a very short analysis time, make the Easy TS indispensable for every filling machine in order to secure and control one of the major critical process point: closure tightness. The initial set up aims to customize recipes and electrode shapes to secure a perfect discrimination capability tailored on the products filled into the bottles.

+ Detection method

The bench applies the well known method of high voltage: if any leak is present, a discharge current will flow through the pinhole into the container and will be measured by the system.

+ Technical Specifications

- **Dimensions (LxWxH)**
  400 x 360 x 650 mm
- **Weight**
  15 Kg
- **Electrical / Power**
  230V  50/60 Hz  1 Ph  250W
- **Bottle material**
  PET - HDPE - PP - LDPE
- **Bottle height**
  up to 360 mm
- **Closure Ø**
  25 ÷ 50 mm
- **Closure shape**
  Flat, Sport, Thumb up
- **Sensibility**
  about 1 micron
- **Product filled**
  Black tea, Juices...
- **Conductivity**
  ≥ 100 µSiemens/cm

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