

## PLS - Production Line Simulator



The PLS Production Line Simulator allows to simulate in a reproducible and accelerated way the friction on a packaging line.

The testing process simulates the abrasions associated with contacts between bottles, typical of packaging lines.

It is the ideal device for determining the build quality of glass bottles as well as their coatings, decorations and labelling.

### **Applications :**

- Simulation of the packaging line for bottles and cans
- Evaluation of the quality of the coating of the bottles
- Evaluation of wear and abrasion of bottle labels
- Assessment of abrasion on returnable bottles

### **Characteristics**

- Easy operation, use in laboratory
- Adjustable cycle time and speed
- Adjustable conveyor border spacing from 50 to 150 mm
- Stainless steel construction
- Adjustable and swiveling water nozzle

### **Technical specifications :**

- Sample: Bottles and cans of different materials (Glass, Plastic, Aluminum, etc.)
- Sample diameter: 50 - 150 mm
- Rotation speed: 0 - 20 rpm (0 - 1m/s conveying speed at the position of 1000 mm diameter)
- Air supplier: 5 - 8 bar
- Power supply: AC 220V (AC 110V optional)
- Dismensions: 1210 x 1355 x 1110 mm (W x D x H)
- Weight: 230 kg