

Sealing inspection for PET miho Feeler 2



miho Feeler 2

Advantages

- Detection of leaks
- Detection of damaged containers
- Control of nitrogen injection in PET containers
- Indirect measuring via detection of internal pressure
- Hygienic advantages through nondestructive pressure detection
- No contamination caused due to measurement by leaking products

Function

To detect leaks, damage and/or control of nitrogen injection in PET bottles by, for e.g., non-sealing or slanting screw caps, missing or slanting sealing inserts, stress cracks or holes in the neck area (with CO₂-content, medium or non-carbonated drinks). The tightness is checked by checking the internal pressure of the bottle using sensor fingers that are stored in a sensor wheel.

This results in a „direct“ measurement of the internal pressure and there are no mechanical loads on the bottles or on the machine, which can lead to wear and tear, damage or uncontrolled product leakage. Particularly with regard to a product leak, for e.g., for sugary, acidic products or products with solid components such as pulp, the Feeler is characterized by its great hygienic advantage here.

Technology

- Stainless steel cabinet
- 5.7“ VGA TFT with touch function
- Sensor wheel with feeler fingers
- Robust and easy to clean substructure
- Low-wear guide belt for fixing or guiding the bottle on the conveyor belt
- Quick change device for the guide belt, manual adjustment of the belt width
- Handwheel height adjustment and scaling
- Choice of language
- User passwords
- Logging of inspection results, parameter values and user login
- Incremental encoder for recording the conveyor speed

Dimensions base unit

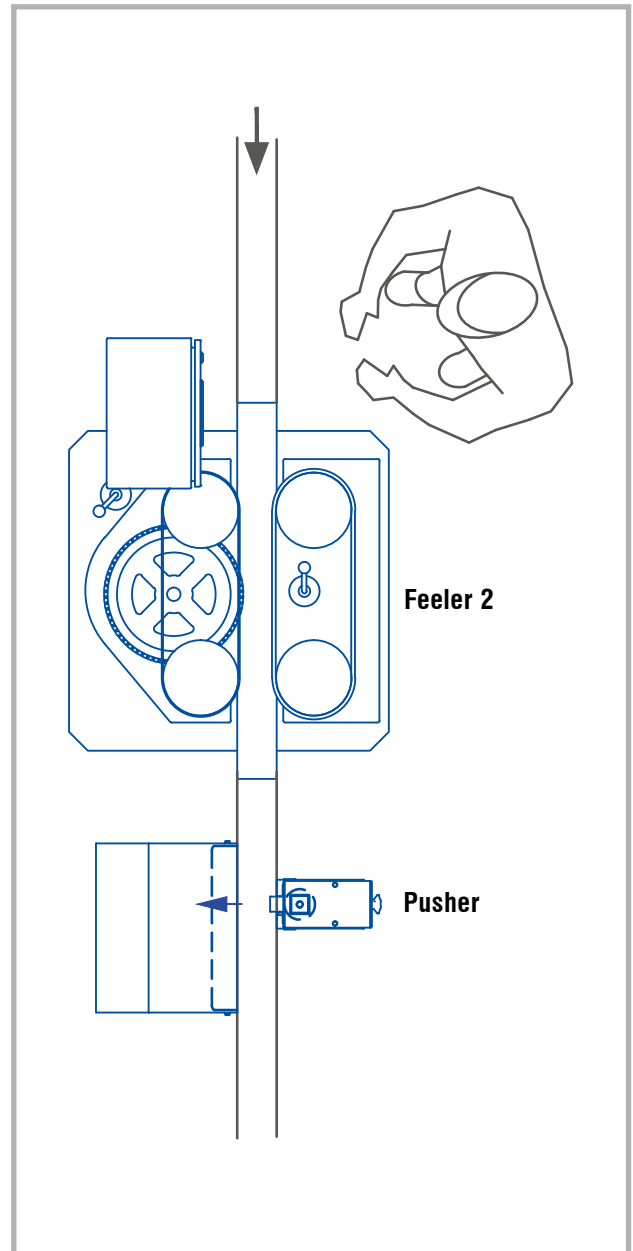
- Installation length: 1,000 mm
- Conveyor height: at least 1,000 mm
- Depth operator side / center of conveyor belt: 350 mm
- rear /center of conveyor belt: 500 mm
- Auxiliary power: 230 VAC/2 kW



Example plastic containers: from food & beverage to homecare

Reject systems

- High speed pusher miho HSP
- Multi-reject system miho HSPM
- Linear segment reject system miho Leonardo M



Example layout miho Feeler 2