

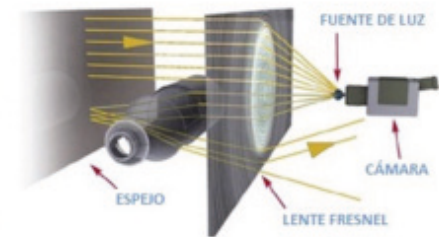
SURE RETURN™

CONTINUOUS SURVEILLANCE



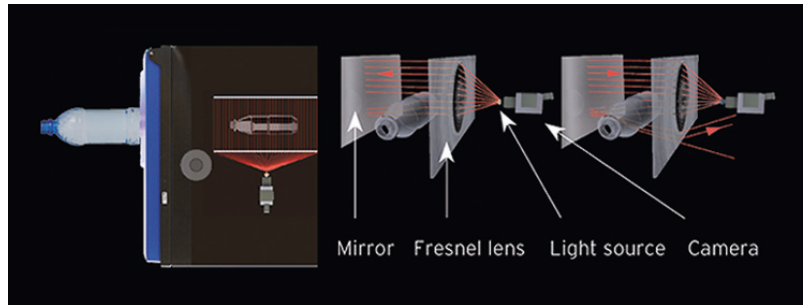
TOMRA
SURE RETURN
TECHNOLOGY

Sure Return™ has a unique video surveillance system that provides constant monitoring and control of objects inserted in the machine, providing unique recognition, security and classification capabilities.



How it works:

- Light source and the camera are placed in the same location.
- Fresnel lens align the light beams into a parallel way.
- Beams of light travel through the camera, bouncing on the mirror on the opposite side, and reflect them back towards the Fresnel lens.
- Beams of light that are not obstructed by the object, pass through the Fresnel lens again and are received by the camera.
- The video camera records a sharp silhouette without distortion of perspective, regardless of its position within the recording area.



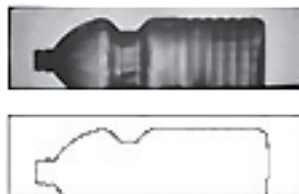
IMMEDIATE REGISTRATION OF OBJECTS

The objects are analyzed immediately upon entering the machine.



EXACTLY RECOGNITION

A unique lighting system and photo processing, creates a pattern perspective images without distortion and high contrast.



INTEGRAL PROTECTION AGAINST FRAUD

If there is any attempt to cheat the system, such as removing the package once it has been recognized, the system will detect this event and cancel the operation.

