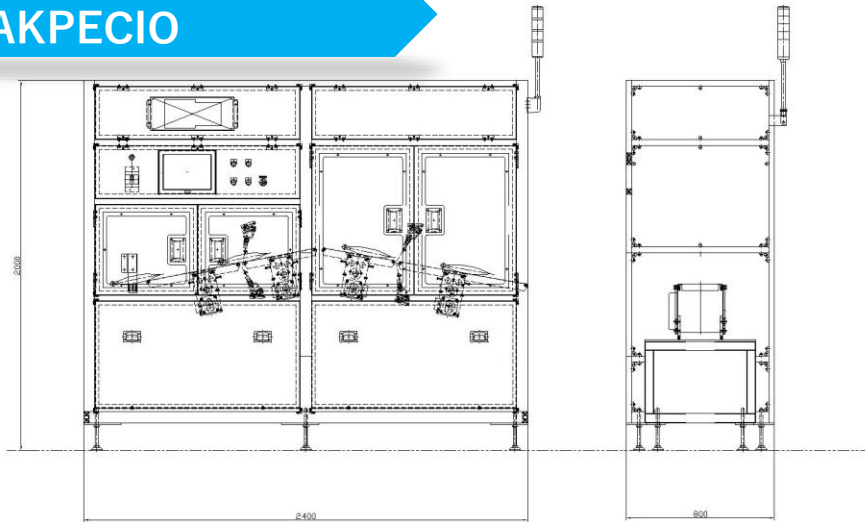
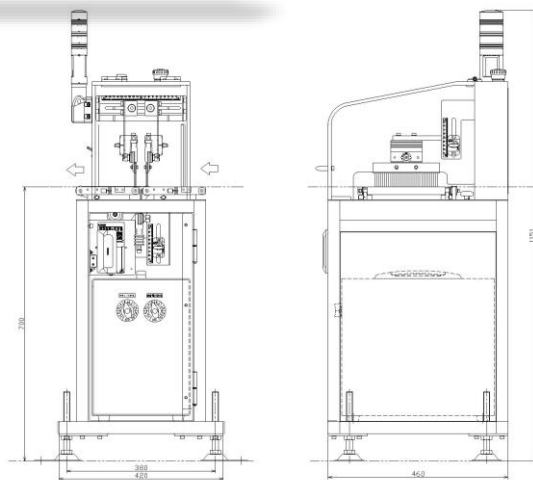


IN-LINE MODEL FOR IV BAG  
**LEAKPECIO**



IN-LINE MODEL FOR FOOD PRODUCTS  
**Torerude**



# LEAKPECIO Torerude

## MICRO-HOLE DETECTOR



	LEAKPECIO for IV Bag	Torerude
Max. output	5000bags/hour	45m/min(Belt Conveyor Speed)
Bag size	50-1000mL	65-/130mm(Length /Max. width)
Applied Voltage	1-20kV	1-10kV
Detection Accuracy	Over $\phi 100 \mu m$	
Standard voltage	200V-50/60Hz	100V-50/60Hz
Power Consumption	2kW	0.2kW
Compressed air	100NL/min	-
Weight	1000kgs	60kgs

**MUTUAL** MUTUAL CORPORATION

9th Fl., Osaka JA Bldg, 2-5 Nishitenma 1-chome, Kita-ku, Osaka 530-0047, Japan

TEL +81-6-6315-8610 FAX +81-6-6315-8619

URL <http://www.mutual.co.jp/>

**MUTUAL**

MICRO-HOLE DETECTOR

# LEAKPECIO Torerude

*Micro-hole Detector with innovative and improved method, performs swift detection on all surfaces.*

## FEATURES OF LEAKPECIO/Torerude DETECTION METHOD

The state of the art Micro-hole detector for: Hermitically sealed container in field of Pharmaceuticals, Foods, and other general products.

*Unlike other electronic Micro-hole detectors, it can detect pinholes that were impossible to detect without damaging the product or its packaging. Instant detection is performed by use of an electrification method.*

### Repeated detection is possible

-Micro-holes will not be enlarged by repeated detections

### Advance system

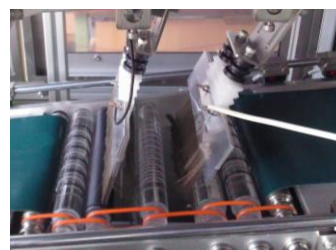
-Whole surface can be detected at the same time  
-Air inside the container does not interfere the detection efficiency  
-Position of the micro-hole can be determined

### Able to inspect products which were not able to by conventional method

-Non-electrolyte liquid or distilled water can be inspected

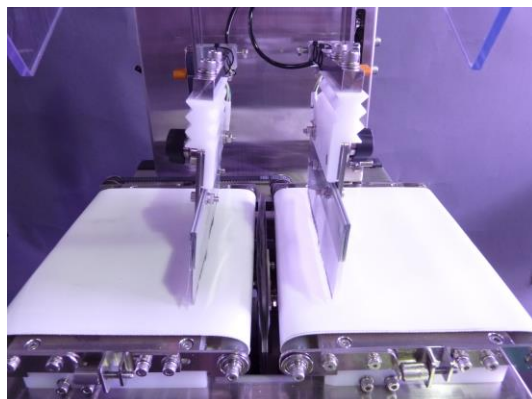
## IN-LINE MODEL FOR IV BAG

# LEAKPECIO



## IN-LINE MODEL FOR FOOD PRODUCTS

# Torerude



Other custom-made models can be designed in accordance with products.

### Pharmaceutical products

- IV-Bag
- Plastic ampoules
- Plastic bottles
- Ophthalmic container

### Food products

- Pouch packaging products
- Ham/sausage pack
- Yogurt package
- etc

### Others

- Tube packaging products
- Cosmetic product container
- Hair conditioners/ Shampoo sachet
- etc