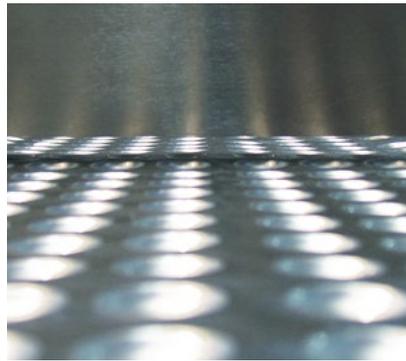
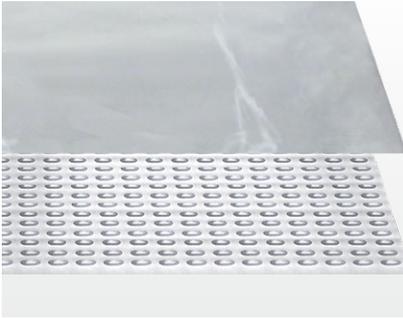


# PACKAGING



## PATERA Foil

### Description

The system serves the optoelectronic inspection for the detection of pores and cracks in aluminium foil of up to 1,000 mm width. **PATERA Foil** is installed between the forming and the filling stations at a right angle to the travel direction of the foil.

If any pores are present, a signal is given to prevent filling and subsequent ejection occurs. The pore detection can run at the speed of up to 1.5 m/s, thus keeping step with all current blister machines.

Due to its internal fault monitoring capacities, **PATERA Foil** is self-monitoring, continuously checking system integrity. All outputs are short-circuit protected and designed for failsafe operation.



### Area of Application

- Detection of pores and microfissures in aluminium bottom foil (formed or plane)
- Detection of pores and microfissures in aluminium lidding foil

For the use on machinery without a guide surface, an adapted mechanics can be supplied to minimise external light influences. This enables the use on stickpack-machines.

### Highlights

- The system can easily be integrated onto any existing blister machine without machine reprogramming, avoiding extensive software re-validation, thus saving valuable time and costs.
- High detection capacity down to 25, 50, 100, 250 and 500  $\mu\text{m}$ .
- Internal shift register optional
- Increases cost-efficiency due to considerably reduced material waste
- Available in widths of 200 to 1,000 mm
- Multi-lingual display

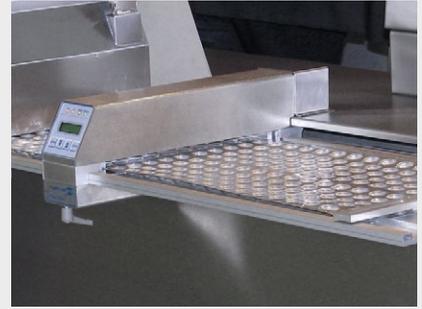


## System

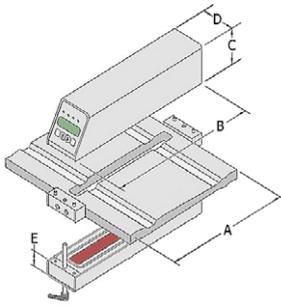
**PATERA Foil** is configurable to either one or two zones of detection, depending on the blister machine layout. This unique feature splits the detection area along the central line of the foil material, allowing for discrimination of faulty blister packages. At the same time, material waste due to cracks and pores can be strongly decreased.

Sizes up to 1,000 mm available.

As a stand-alone unit with internal shift register (optional), **PATERA Foil** is capable of operating independently of the packaging machine. The shift register is easily programmed by the user.



## Hardware



		200	250	300	350	400
<b>A</b>	mm	100 – 200	200 – 250	250 – 300	300 – 350	350 – 400
<b>B</b>	mm	240	290	340	390	440
<b>C</b>	mm	76,2	76,2	76,2	76,2	76,2
<b>D</b>	mm	76,2	76,2	76,2	76,2	76,2
<b>E</b>	mm	30	30	30	30	30

Sizes up to 1,000 mm available

## Quality is visible.

- Modular build for a multitude of installation options
- Real-time operating system QNX® for security and speed
- Uniform graphical interface and easy-to-follow menu structure
- Fully 21 CFR Part 11 compliant
- Hard- and software are expandable and upgradable
- Wear-free, electronically controllable scanware W-LED illumination
- Easy to install on all common packaging machinery
- Communication with machine via a VDMA-XML protocol
- Simultaneous use of numerous inspection parameters
- Variety of statistical tools
- Development of special tasks and requirements on your request
- Availability of all parts guaranteed for 10 years
- Service offering solutions and support within 24 hours



Management



Packaging



Blister & Products



Codes, Text & Graphics



Track & Trace



Support



scanware



**scanware electronic GmbH**

Darmstädter Straße 9-11

D-64404 Bickenbach

Telephone +49 6257 9352-0 Fax -22

info@scanware.de

www.scanware.de

International Distributors:

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