



ZERO defect

FLEXIBLE ELECTRONICS

ON-LINE AUTOMATIC SURFACE
INSPECTION & MEASUREMENTS

is
in-core
systèmes

HIGH-RESOLUTION ON-LINE INSPECTION SOLUTIONS FOR PRINTED ELECTRONICS

Lineavision® range of equipment enables to precisely control & characterise of Printed Electronics product at each manufacturing step (printing, coating, laminating, ...).

Benefits

MODULAR HIGH-RESOLUTION SOLUTION

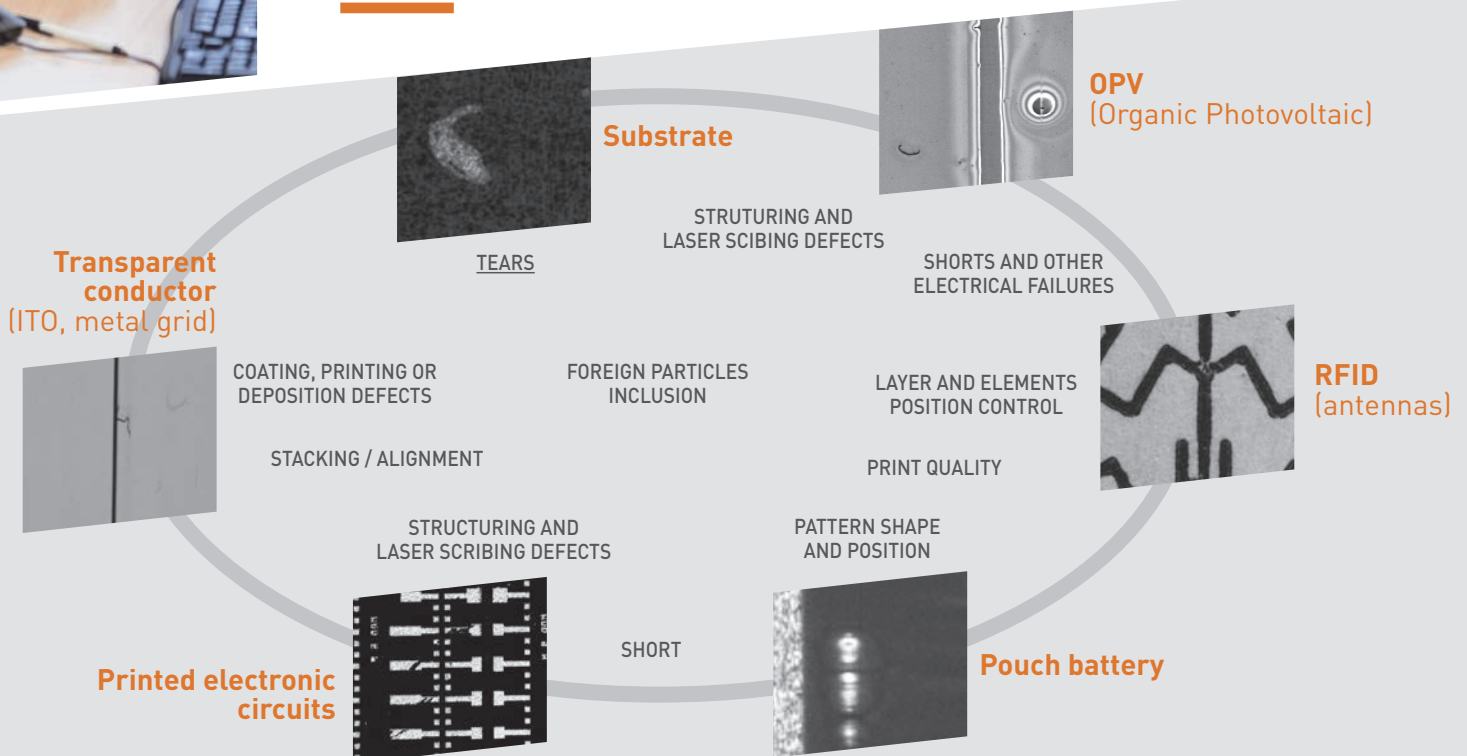
- Line scan camera technology
- Inspection of either rigid, semi-rigid and flexible substrates, opaque or transparent
- Dimensional control

IN-LINE DEFECT DETECTION

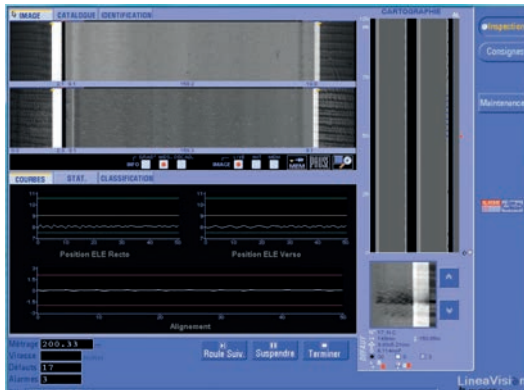
- Registration and quality control of elements, shape, and positioning
- Killer defect detection
- Cumulative defect management for multiple layer step processes

PRODUCTION YIELD OPTIMIZATION

- Defect track and trace
- Control process deviations
- Scrap saving



User-friendly interface



Live display of detected defects, measurements and dimensional controls of:

Multi layers:

- Edge regularity
- Coating positions and overlap
- Registrations / alignment of single and multiple step processes

Circuits:

- Registration of circuit components printed in multiple steps
- Multi regions of interests per circuit
- Adapted control to each region of interest.



Inspection report per roll / sheet / module / circuit / layer

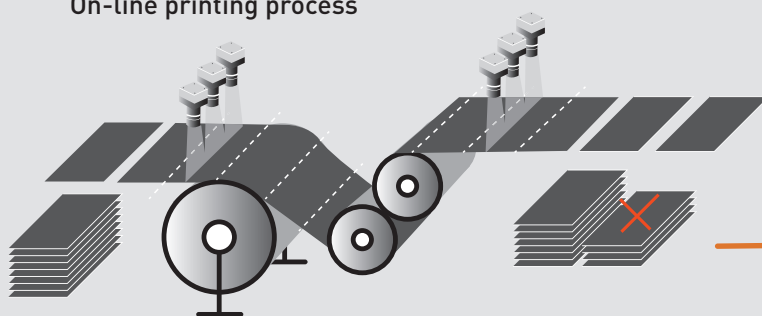
- Repetitive defect management
- Consolidation of all processed data & archiving
- Classification and post-process analysis.

LineaVision

INSPECTION STATIONS

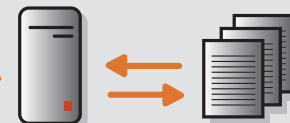
TRACEABILITY

On-line printing process



- > Print web inspection
- > Measurements

Data base



- > Post production quality analysis
- > Statistics
- > Quality rules assessment



OUR RANGE OF **SERVICES**

SYSTEM SPECIFICATIONS

- Definition and evaluation of project
- Feasibility study
- Customization
- Flexibility/adaptation to future needs

COMMISSIONING

- Installation
- Training
- Start-up

GOLD SUPPORT

- Telephone hotline
- Dedicated engineers
- Remote access
- Quick response time

SERVICES

- Onsite repairs
- Spare parts
- Preventive maintenance



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