XPECT

EXELSIUS

COATING INSPECTION SYSTEM

DEVELOPED BY COATING SPECIALISTS FOR CONFORMAL COATING USERS

TOP OR SIMULTANEOUS TOP/BOTTOM COATING INSPECTION

GET READY IMMEDIATELY: USER-FRIENDLY HMI

ACCURATE THICKNESS MEASUREMENT

XPECT

THE XPECT TECHNOLOGY

Built for what really matters!

Tailored smart for efficient work. Master the essentials.

Every detail serves a purpose, offering intuitive operation, easy maintenance and a clear inspection experience.

ROBUSTNESS, PROCESS AND RESULT RELIABILITY

XPECT ensures accurate, reliable and repeatable inspection results, delivering consistent quality across every coated board. Its robust mechanical structure, optical architecture and dedicated software are designed to provide stable and comparable measurements over time and between operators. You can rely on XPECT to maintain uniform detection accuracy, inspection after inspection.
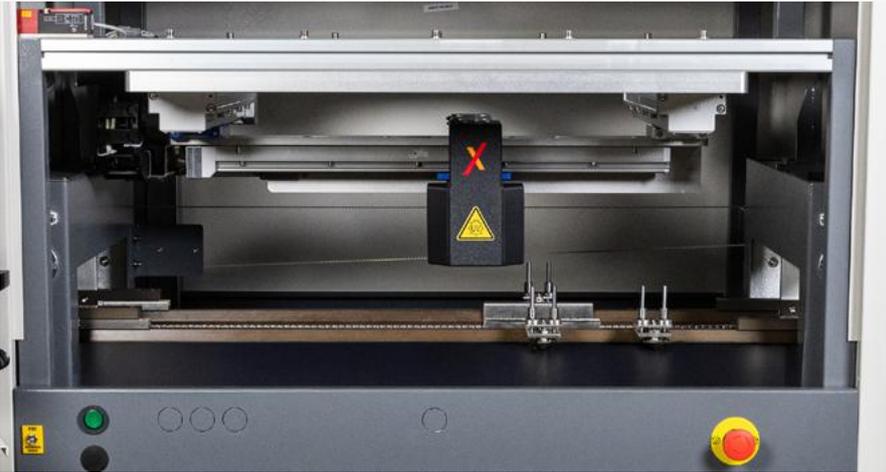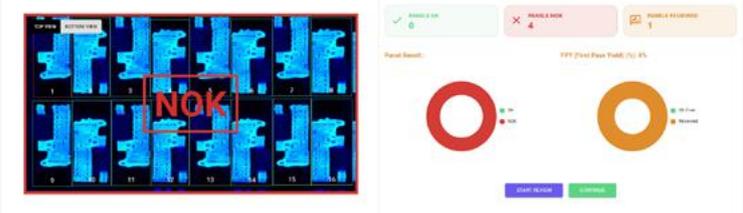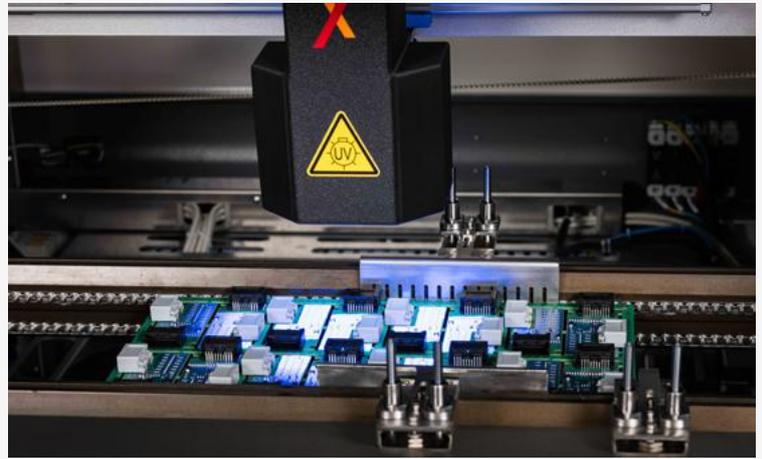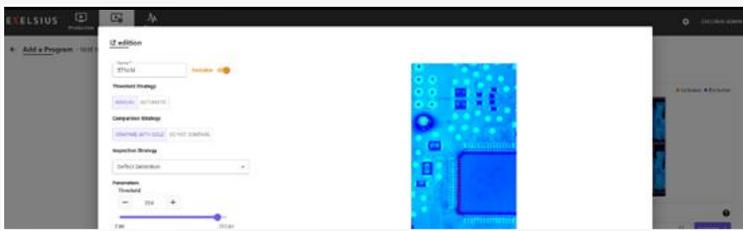
SMART AND CONNECTED INTERFACE

Developed to match your production pace, XPECT combines fast on-machine setup with remote programming flexibility. You can start a program directly on the line and finalize it from your desk without interrupting production. Linked to its connected database, XPECT also enables remote review and data analysis for improved process efficiency.

EFFICIENT AND FUNCTIONAL DESIGN

XPECT embodies functional intelligence. Every detail serves a purpose, from its intuitive interface to its clear internal layout. Nothing unnecessary, nothing complicated, only what ensures performance, reliability and ease of use. This focus on the essential makes XPECT efficient, comfortable to operate and maintain.

AI: MACHINE LEARNING IN PROGRESS

TECHNICAL DATA

XPECT TOP AND TOP/BOT

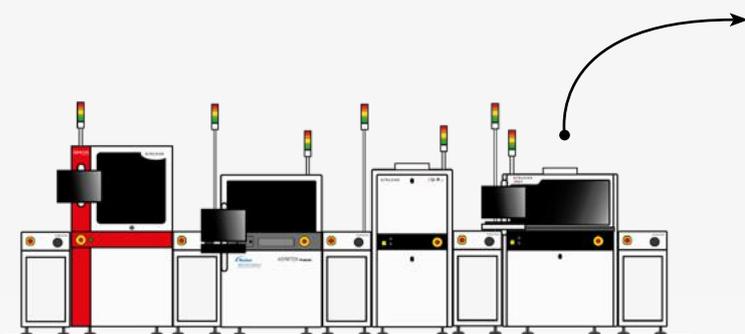| Dimensions (LxWxH) excluding light column	1140 x 1200 x 1520 mm
Power supply	Single phase 230 VAC/50HZ or Single phase 110 VAC/60HZ
Installed capacity	<3kW
Weight	500 kg
Pneumatic supply	0.3 MPa (3 bar / 44 psi), Ø 6 mm air line
CONVEYORS	
Standard conveyor type	5 mm top chain
Clearance height (Top/Bottom)	+/- 100 mm
Width (automatic setting)	50 to 450 mm
Maximum load	4kg/product
INSPECTION	
Camera resolution	20MP/up to 20m
Light UV and white	Standard
Maximum inspection length	500 mm
Maximum inspection width	450 mm
Clearance	100 mm
Field of view (FOV)	80 x 80 mm

These specifications are not binding

XPECT

OPTIONS

- 3mm chain seating
- Conveyor flow right to left
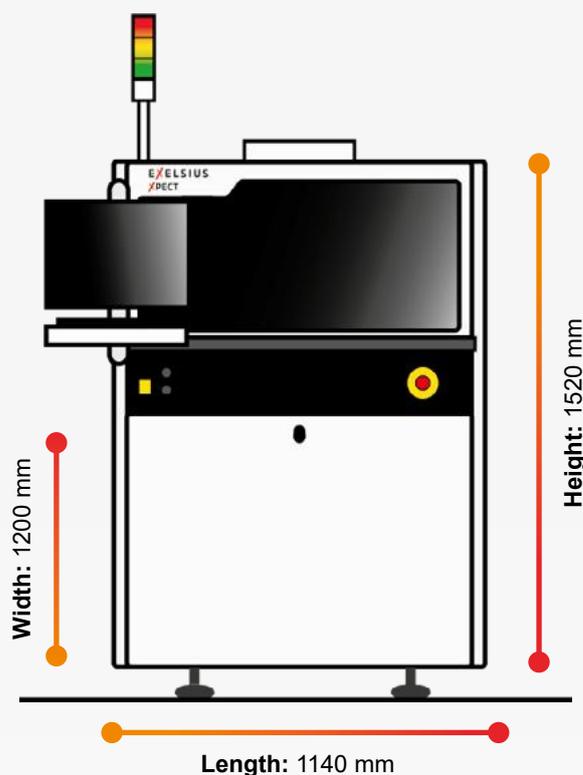- Thickness mesurement (5 μm to 200 μm)
- Off line review application

- Code reading
- Storage capacity up to 10To

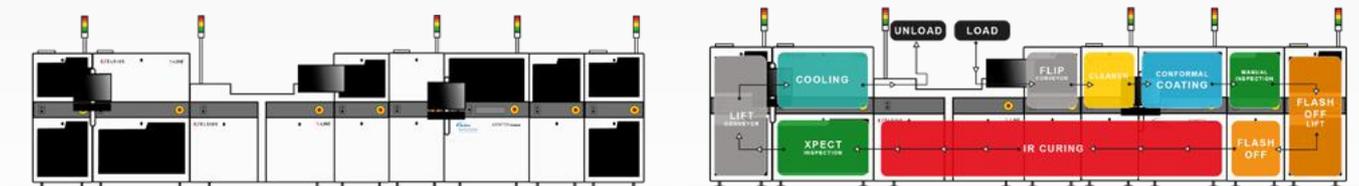**Some options are not compatible with each other.**

COMPATIBLE

XPECT in a UV LED coating line

Width: 1200 mm

Height: 1520 mm

Length: 1140 mm

S-LINE

The XPECT coating inspection solution can be integrated as an automatic inspection module within the compact S-Line coating line.

XPECT in the compact S-Line coating line

For more information on this equipment, scan the QR code and contact our sales team.