TECHNIP ENERGIES

CyXpert AI

Automatic defect recognition software with advanced artificial intelligence modules to assist operators in decision-making during final inspection

Adopted by tire leaders since 2007, CyXpert software delivers unmatched performance.

200+
Licenses in use



DETECT

ANALYZE

DECIDE

Added values

- +95% detection rate
- Largest variety of defects detection
- Milli metric accuracy measurement
- 4K X-ray image processing and display

Features

- Online on equipment
- Offline on a stand-alone PC accessing a local image database or through a network (recipe creation, edition, training)

Enhanced image processing modules to detect defects including:

- Spacing
- Counting
- Angles
- Breaking
- Overlaps
- Undercure

CyXpert AI

Full Range Coverage
Applicable from PCR to OTR tires

Portability
Agnostic of machine manufacturer

Innovative Learning Module
Neural network training tool for enhanced detection of foreign material & air traps

Automated Decision
Automatic Defect Recognition (ADR)

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