TECHNIP ENERGIES

X-Ray Passenger Car Radial (PCR)

Inspection tire system from 12 to 25 inches

Developed by T.EN Marseille, the PCR X-Ray system performs in-line final inspection of passenger car radial tires ranging in size from 12 to 25 inches.
It combines hardware and software, enabling Automatic Defect Recognition (ADR) using AI-based computer
vision algorithms.



Benefits

- Short cycle time
- No shape distortion
- Compact footprint
- CyXpert ADR software
- Millimetric measurement capabilities

Value for Tire Manufacturers

Fast and reliable decision-making

Unmatched cycle time and ADR of foreign material and air blows.

- No shape distortion
- Millimetric measurement
- Compact lead booth

Production efficiency & OPEX reduction

Record inspection cycle time (18 - 30 seconds) addresses production constraints and significantly reduces labor costs.

HSE & RISKS

Our X-ray systems are designed with automated and robust loading parts to optimize operational efficiency and safety.

OUR Differentiators

Pioneers & innovators since 2005
Largest range of X-ray inspection systems in the tire industry, from 2-wheeler to OTR.

Proven expertise and know-how
Global leaders and preferred partner of the tire industry.

Obsolescence management
Maintain 200+ systems operating globally with local service teams and warranty extensions to minimize downtime.

Quality and longevity
Meet high quality standards tire manufacturing for years.

TECHNIP ENERGIES

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