Package integrity testing
Gauges for dimensional measurement, and testers for package integrity and failure analysis. Manual and semi-automatic solutions for ensuring quality in food, beverage, and aerosol cans, ends and sheets. Online vision solutions for complete production control.

About Industrial Physics

Industrial Physics is one of the world’s leading manufacturer of test, measurement and inspection equipment focused on the food and beverage, metal cans, flexible packaging, paper and plastics, paint and coatings, medical device, materials testing and consumer electronics markets. With sales presence in more than 75 countries, our brands are helping customers meet the ever-increasing test and quality standards required by demanding regulators, consumers and manufacturers. Our best-in-class products help companies the world over protect their brand integrity.
Gloss meter

Portable precision glossmeters for production and laboratory. Suitable for paint and coatings, plastics, automotive parts etc. Made in The Netherlands.

Applications
- End inspection
- Print & ink properties
- Surface property

More information

Washability, Scrub, Abrasion Tester

The Scrub Abrasion and Washability Tester is used to test the resistance of paint, varnish or coatings to scratching, wearing, and color loss due to wet or dry abrasion, by simulating everyday wear from cleaning actions or general use.

Applications
- Can inspection
- End inspection
- Failure analysis
- Print & ink properties
- Surface property
- ... and more

More information

Code Reading & Serialization

The Code Reading module inspects ink-jet, laser, thermotransfer and pre-printed ID codes on various packaging types, including (infant formula) cans, beverage cans, labels, cartons and PET bottles. The Code Reading module checks if codes are present, complete,...

Applications
- Automated vision inspection
- Can inspection

More information
360° Can Inspection

The 360° Can Inspection module is a highly accurate Mix-Up & Integrity Detection system for cans. The system integrates critical functionalities including (Bar- & DMC- & QR-) Code reading and Color Artwork & Damages inspection in one “all-in-one” system.

Applications
- Automated vision inspection
- Can inspection

DualPerm Permeation Station

OTR and WVTR combined station offering substantial cost savings compared to the purchase of two separate permeation analyzers. This package allows the sharing of one computer/tablet interface and results, saving time and space on the work bench.

Applications
- Permeation rate determination

Empty Can Inspection

The Empty Can Inspection system is able to detect defects quickly and accurately on the flange, bottom and the inner sidewalls of the can. Pollution and spots on the inside, as well as flange dents, flange width and ovality/roundness are being inspected. The Empty...

Applications
- Automated vision inspection
- Can inspection
Opacity Reflecto Meter

Hand-held reflectometer for measurement of the opacity, or luminous reflectance, of a grey scale. Suitable for the evaluation of a coatings hiding power, or simple shade sorting tasks of metallised films, anodized aluminium or ceramics.

Applications
- End inspection
- Print & ink properties
- Surface property

More information

Seam Inspection, in-line

The Seam Inspection module inspects the complete seam around the can. The module is positioned in-line to inspect 100% of the produced cans, non-destructively.

Applications
- Automated vision inspection
- Can inspection
- Leak detection
- Seam inspection

More information
Our Brands

With our nine portfolio companies, Industrial Physics is one of the world's largest manufacturer of packaging and material testing equipment.