



World's leading manufacturer  
of packaging and material  
testing equipment.

## Process testing



**INDUSTRIAL  
PHYSICS**

Our brands  
protect your brand

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.

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### 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.



## Bresle Patch

The TQC Sheen Bresle patch conform ISO 8502-6 is used to test for surface contaminants, such as salts. Due to the round shape it is stronger, whilst at the same time the patch has a clean removal, negligible patch contamination, no breaking foam and is silicon free.

### Applications

- Surface property

[More information](#)

## Colorbox Color Assessment Cabinet

Multi-Source Viewing System for the Inspection and Colour Matching of Inks, Paints, Plastics, Cosmetics, Textiles, Knitwear, Leather, Food, Paper, Colorants, and other coloured materials. The Colorboxes offer a extensive range of illumination conditions for any...

### Applications

- Can inspection
- End inspection
- Print & ink properties
- Surface property
- Label inspection



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[More information](#)

## Comprehensive Abrasion Test

Universal test machine to test the coating abrasion resistance on beverage cans or flat materials. The reciprocating motion mimics in-the-field transportation abrasion damage.

### Applications

- Can inspection
- End inspection
- Failure analysis
- Print & ink properties
- Surface property

[More information](#)



## CurveX Nano Oven Recorder for Can Coaters

Together with the cans the CurveX Nano oven recorder winds through the conveying system in the oven and makes up a complete temperature profile. With help of paint cure specifications it determines the curing process by calculating the cure index for you, enabling a...

### Applications

- Can inspection
- Print & ink properties



[More information](#)



## DewCheck Dewpoint Meter

DewCheck 4 is an extremely versatile dewpoint meter to measure and record all climate parameters required to treat surfaces. High-end industrial sensors combined with sophisticated calibration procedures guarantee the highest accuracy for extreme long terms.

### Applications

- Moisture analysis



[More information](#)



## 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
- Label inspection
- Print & ink properties
- Surface property



[More information](#)



## 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
- Label inspection
- Print & ink properties
- Surface property



[More information](#)



## Pendulum Hardness Tester

The TQC Sheen Pendulum Hardness Tester has a lot of unique features that ease defining hardness by the König and/or Persoz method as described in ISO 1522. Both methods work on the principle that the damping time of a pendulum oscillating on a sample indicates the...

### Applications

- End inspection
- Failure analysis
- Hardness/stiffness
- Print & ink properties
- Surface property
- ... and more



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[More information](#)



## Pyknometer

Specific Gravity cup with a fixed internal volume of 100 ml. which is to be compressed by a special mechanism. Under pressure the air will dissolve better into the liquid. Undissolved bubbles will be compressed to a fraction of their original size. Density of the...

### Applications

- Density
- End inspection
- Print & ink properties



[More information](#)



## RAL K5 Colour Fan Deck

The colour fan deck RAL K5 contains all 213 RAL CLASSIC colours. Due to the full-page colour illustration, it is especially suitable for colour combinations and colour comparisons.

### Applications

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



[More information](#)



## SuperPIG Paint Inspection Gauge

SuperPIG is a destructive precision tool for inspection and thickness measurement on single or multiple coats on virtually all substrates, including wood, plastics, metals etc. Also observes and measures substrate and film defects.

### Applications

- Failure analysis
- Thickness measurement
- Surface property



[More information](#)



## Viscometer

Electronic viscosity meters for measuring viscosity of all kinds of fluids: Newtonian and Non-Newtonian, continuous measurement during the addition of solvents and thinners etc.

### Applications

- End inspection
- Failure analysis
- Print & ink properties



[More information](#)





## Viscosity Cups

A wide range viscosity cups to measure the viscosity of paint, lacquers and other fluids. Very precise, with fixed stainless steel nozzle. Immersion cups are also available.

### Applications

- End inspection
- Failure analysis
- Print & ink properties

[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



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[More information](#)

## EC900 Process Oxygen Analyser

This electronics oxygen analyzer is designed to accurately measure oxygen levels within most industrial gases and atmospheres. Used in applications from ppb up to 1000% O<sub>2</sub>. Can be used in gas streams such as hydrogen, combustibles, hydrocarbons and inert gases.

[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.

