



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

Metal package 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.



Aerosol Can Burst Tester

The ABT-3100 is a semi-automated burst / buckle tester designed to check the pressure at which the aerosol can end will buckle, and the pressure at which the aerosol can will burst.

Applications

- Force resistance testing

[More information](#)

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ACCURACY | QUALITY | RELIABILITY



Axial Load Tester

The semi-automated Axial Load Tester measures the maximum axial load capacity of Beverage cans and Aluminum Bottles of multiple heights and diameters.

Applications

- Force resistance testing

[More information](#)

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Bottle Can Inspector

The Bottle Can Inspection Gauge accurately measures characteristics of aluminum bottles with threads for caps using precision optics and high resolution cameras.

Applications

- Can inspection

[More information](#)

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Digital Enamel Rater



The ENR-2000 is a Digital Enamel rater that tests for metal exposure on a variety of containers and ends.

Applications

- Enamel rating

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[More information](#)

Dome Reversal Tester



The Dome Reversal Tester is a semi-automated buckle tester designed to determine the pressure at which the bottom dome of a finished beverage can begins to buckle.

Applications

- Force resistance testing

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End Measurement Gauge



The semi-automated, multi-diameter End Measurement Gauge provides automatic measurements for every characteristic of the can end.

Applications

- End inspection

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[More information](#)



Front End Station

The Front End Station provides automated front end measurements on trimmed cans.

Applications

- Can inspection

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[More information](#)



49-56 Micrometer

Messmer Büchel model 49-56 digital Micrometer measures the thickness with an accuracy of one Micron. The design is user friendly with a touch screen and solid frame for extra stiffness and accuracy. The micrometer has a sensor in front so it auto starts and stops....

Applications

- Thickness measurement

**MESSMER
BÜCHEL**

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[More information](#)



Pop and Tear Tester

The Pop and Tear Tester series test the quality of Easy Open and Peel Seal Ends.

Applications

- Force resistance testing

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[More information](#)

Visionary QC 9 Software



Visionary QC is a dynamic data collection and statistical production analysis software designed to quickly lead operators through their quality inspections and provide useful reports for process control.

Applications

- Can inspection
- End inspection
- Seam inspection



[More information](#)

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United Earing Cup Measurement

United's DAT-18-CUP Series Tester automatically tracks the ductility properties of sheet metals and aluminum. Calculating the ductility properties in all directions of the material.

Applications

- Burst strength-sheet-Test
- Coefficient of friction-Horizontal
- Can inspection
- Compression testing
- Coefficient of friction-Slide Angle
- ... and more



[More information](#)

United DSTM 2.5KN Table Top UTM

United's DSTM-2.5KN test frame is ideal for testing samples up to 2.5kN (550lb.). From basic tension and compression testing to advanced materials testing the DSTM-2.5kN is a versatile test system used across virtually all industries.

Applications

- Coefficient of friction-Slide Angle
- Compression testing
- Coefficient of friction-Horizontal
- Creep Detection test
- Component integrity testing
- ... and more



[More information](#)



United DSTM 20KN Table Top UTM

United's DSTM-20KN test frame is ideal for testing samples up to 20kN (4,500 lbf.). From basic tension and compression testing to advanced materials testing the DSTM-20kN is a versatile test system used across virtually all industries.

Applications

- Burst strength-sheet-Test
- Can inspection
- Coefficient of friction-Slide Angle
- Compression testing
- Creep Detection test
- ... and more

[More information](#)



United DTM 50KN Table Top UTM

United's DSTM-50KN test frame is ideal for testing samples up to 50kN (11,200 lbf.). From basic tension and compression testing to advanced materials testing the DSTM-50kN is a versatile test system used across virtually all industries.

Applications

- Burst strength-sheet-Test
- Can inspection
- Coefficient of friction-Slide Angle
- Compression testing
- Creep Detection test
- ... and more

[More information](#)



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United Fatigue To Failure System

United's Computer-controlled rubber testing system FTF-48 performs fatigue-to-failure test on up to 48 samples at one time. The United FTF offers strokes from 0 to 4 inches at speeds up to 100 strokes per min. United acquisition software automatically records...

Applications

- Burst strength-sheet-Test
- Can inspection
- Coefficient of friction-Slide Angle
- Compression testing
- Creep Detection test
- ... and more

[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.

