

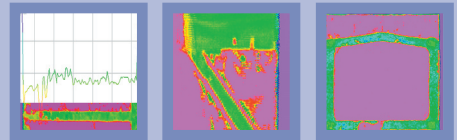
Seal-Scan™
a PTI technology

Seal Integrity Testing

Seal-Scan™ inspection systems evaluate and analyze seal integrity with precision and repeatability.

This leading edge technology offers the unique ability to pinpoint invisible defects while identifying good and bad seals.

Seal-Scan™ characterizes seals that appear visually acceptable yet possess defects that affect product quality, value, and shelf-life.



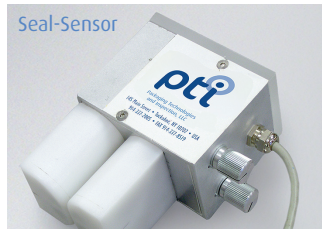
Real time inspection data is available in numerical, statistical and seal image formats.

Seal-Scan™ technology provides non-contact inspection solutions for off line and on line production applications and QA/QC process control.

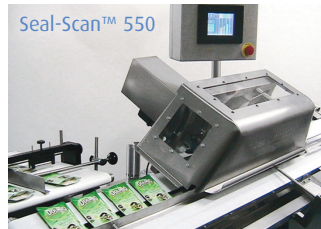
Seal-Scan™ 525



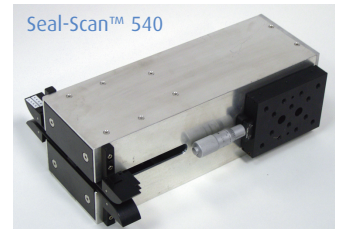
Seal-Sensor



Seal-Scan™ 550



Seal-Scan™ 540



	Seal-Scan™ 525	Seal-Sensor	Seal-Scan™ 540	Seal-Scan™ 550
Application	Seal inspection and material analysis	High-speed on line seal inspection	On line seal inspection	On line seal inspection with integrated handling
Package Type	Pouches, trays, blisters, & laminated materials	Pouches	Pouches	Pouches
Minimum Seal Width	3mm	6mm	3mm	3mm
Package Materials & Combinations	Tyvek®, Paper, Foil, Film, Aluminum, Plastic & Laminated Materials	Tyvek®, Paper, Foil, Film, Aluminum, Plastic	Tyvek®, Paper, Foil, Film, Aluminum, Plastic	Tyvek®, Paper, Foil, Film, Aluminum, Plastic
On line or Off line Testing	Off line	On line	On line	On line
Inspection Rate	Manual	250+/min.	Up to 150/min.	Up to 100/min.
Package Handling	N/A	Customer Integrated	Customer Integrated	Outsourced
Operator Interface	Windows PC	Touch Screen Panel	Touch Screen Panel	Touch Screen Panel
L-Scan (X-Axis Linear Scan)	Yes	No	Yes	Yes
C-Scan (X & Y Image Scan)	Yes	No	No	No
Test Sensitivity	Adjustable	Factory pre set	Adjustable	Adjustable
Test Results	Pass/Fail/Warn	Pass/Fail	Pass/Fail	Pass/Fail
Inspection Data	Statistical results - signal avg./min/max & standard deviation	Good or bad seal	Statistical results - signal avg./min/max & standard deviation	Statistical results - signal avg./min/max & standard deviation
Data Collection	Yes	No	Optional	Optional
Wrinkle	Yes	Yes	Yes	Yes
Contamination/ Inclusion	Yes	Yes	Yes	Yes
Channel Defect	Yes	Yes	Yes	Yes
Misaligned Seal	Yes	Yes	Yes	Yes
Weak Seal	Yes	No	Yes	Yes
Delamination or Blister	Yes	Yes	Yes	Yes
Location of Defects	Yes	Approximate	Approximate	Approximate
Defect Size Measurement	Yes	No	Yes	Yes
Statistical Seal Footprint	Yes	No	Optional	Optional
Statistical Sealing Trend Analysis of Scanned Samples	Yes	Yes	Yes	Yes
Test Frame	Stainless Steel	Stainless Steel Test Head Assembly	Stainless Steel Test Head Assembly	Stainless Steel, suitable for wash down environment
Power	100-240 VAC 50/60 Hz			
Warranty	Standard One Year Parts and Labor			

Seal Defect Detected

Test results may vary according to application and package specifications.

