

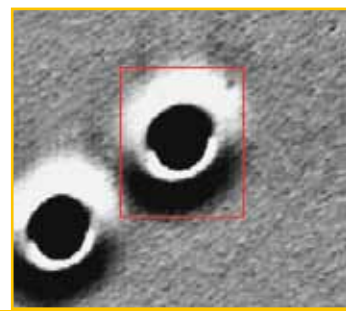
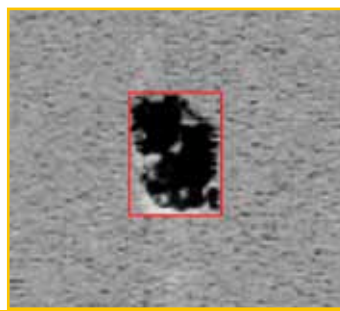
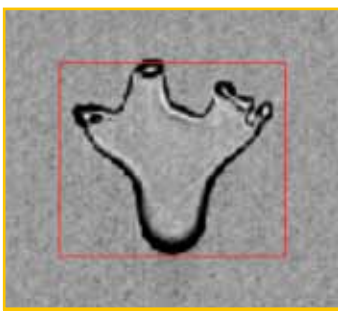
EasyInspect



Easy & Ready-to-Operate Inspection System for Base and Converted Materials



The Easy Way to Detect Defects!



EasyInspect



Dr. Schenk's EasyInspect system used on film material

EasyInspect: 100 % reliable, high-speed & high-performance inspection of base and converted materials

Dr. Schenk offers a variety of reliable inspection solutions for different materials, that detect defects and irregularities in film & foil, optical film, paper, non-woven, laminated and coated products.

From modular and standardized inspection units to customized systems, the Dr. Schenk project team customizes the EasyInspect package that suits various inspection requirements and tasks as well as QA budgets.

EasyInspect features

- High-speed camera technology
- State-of-the-art lighting systems
- Defect mapping
- Defect density analysis
- Simple and easy configuration of reports
- Defect classification
- Statistical data analysis
- Detailed defect imaging
- Possible combination with EasyMeasure



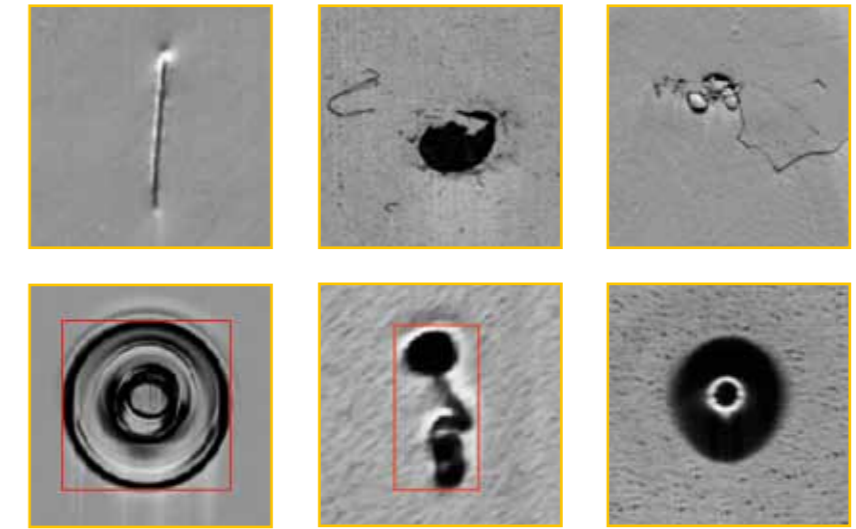
Material section illuminated and inspected with EasyInspect

EasyInspect benefits

- Fast delivery and integration
- Easy setup and operation
- Low operating costs
- Rapid root-cause analysis
- Process optimization and yield enhancement
- Improved product quality
- Labor costs savings
- Higher customer confidence and satisfaction

Detection of

- Contaminations
- Gels
- Inclusions
- Holes
- Scratches
- Streaks
- Bubbles
- Coating voids
- Stains
- Wrinkles
- Tears
- And many more...



Selection of grey scale images of defects detected with EasyInspect

Materials

- Extruded foils
- Blown film
- Battery film
- Coated products
- Polarizer film
- Non-woven
- Paper

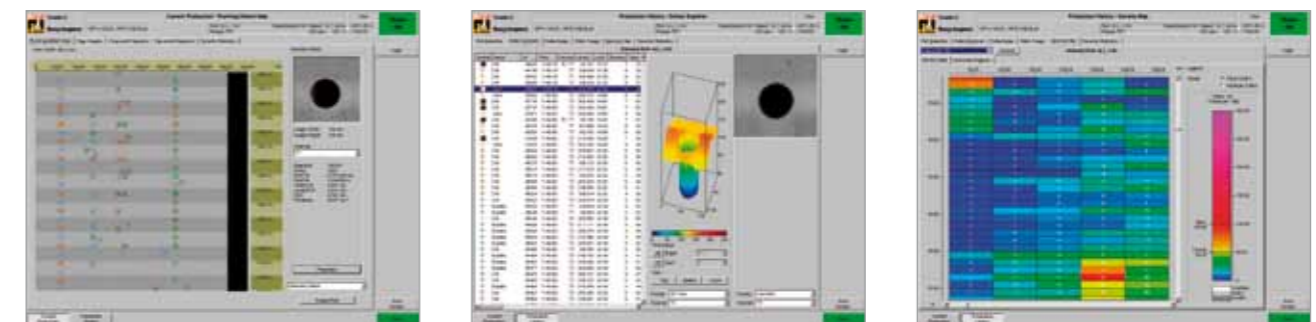
Software features

- Defect images
- Real-time defect map
- Real-time statistical defect analysis
- Roll history
- Easy data access and export

Characterization of overall material properties

EasyMeasure

Measurement of mechanical and optical properties of base and converted materials, such as film and coating thickness, reflectivity, opacity, porosity and many more ...



Screen shots of EasyInspect's defect analysis software



Dr. Schenk's production site

Dr. Schenk GmbH, established in 1985, is an innovative high-tech company based in Munich, Germany. For the third decade now, the range of products and services offered by Dr. Schenk comprises comprehensive solutions for automated quality assurance and production process monitoring for the flat glass, film and foil, converting, paper, solar, optical media and semiconductor industries. In these areas Dr. Schenk continues to set new standards for the inspection of surfaces through the utilization of the latest technical advances in optics and electronics.

The company's primary objective is to achieve complete satisfaction of our customers on a long-term basis. This vision is realized by a perfect synergy between innovative solutions and practical ideas. Global sales and service facilities ensure local support, technical service, training and consulting at any phase of a project. From modular standard units to complex and highly customized systems – Dr. Schenk's high performance test and inspection products have precision in focus!

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