



NONWOVEN D-TECH VISION SYSTEM

QUALITY CONTROL SYSTEM
WITH HIGH SPEED COMPACT CAMERA

Machine vision systems rely on digital sensors that are protected inside industrial cameras with specialized optics to acquire images so that computer hardware and software can process, analyze, and measure various characteristics. All high-speed production lines

are usually equipped with vision systems that check each product for defects, in order to ensure no faulty products are sold on the market. The D-TECH vision system inspection line scan can be positioned easily at any point in the production line. Each product scanned is displayed

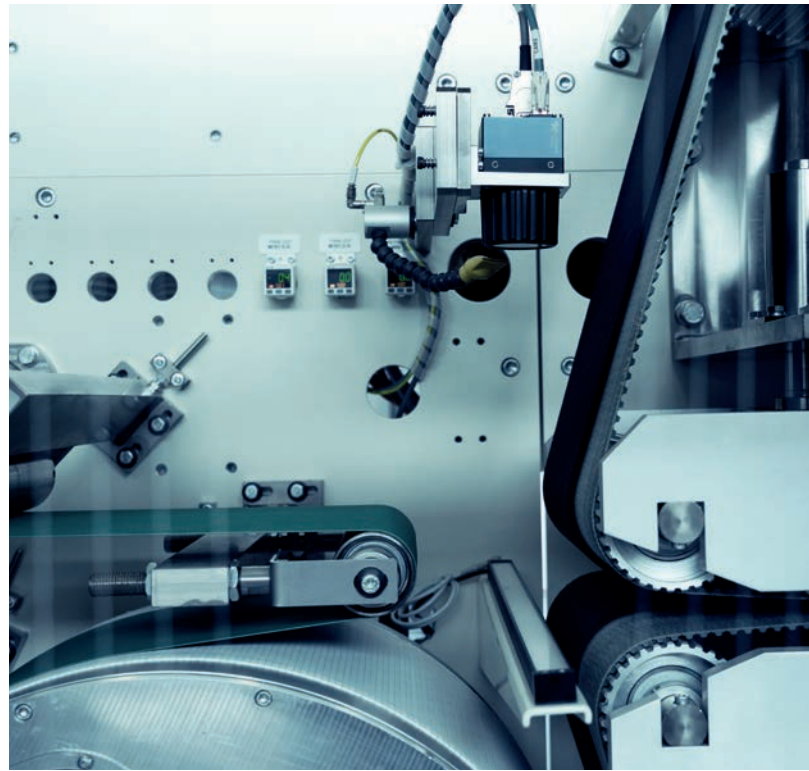
in high definition on the PC monitor, and the entire set of images of any faulty products can be stored on the hard disk for future reference. The images and information can also be accessed via remote office computer connected via Ethernet or wireless LAN.

ANDRITZ

ENGINEERED SUCCESS

FEATURES

- Full integration of LED technology (long-life) for optimal lighting management
- Captures consistent images of fast-moving products
- 100% inspection carried out on core, side panels, frontal tape, tape tabs, acquisition layer, waist band, silicon paper, elastics, leg cut-out area and trims, thermosealing, and embossing and marker phase
- Reduced overall size
- Programmable system to perform different actions depending on the fault detected
- Detects glue pattern faults, holes, faults in printing and marking, dirt and contamination
- Possibility to change the parameters and inspection areas can be changed while the system is running without turning it off



Camera inspection vision system

MACHINE SPECIFICATIONS

Production speed	Up to 1,200 products/min (depending on number of inspections and dimensions)
Camera resolution	2,024 pixel x 1,024 lines
Power supply	220V/110V 50/60Hz 3A
PC operating system	Industrial PC, CFast 100 GB, including I/O PLC board of fieldbus, keyboard, TFT 22" monitor (or more upon request or with multimonitor system), USB port, Microsoft Windows 10 IOT embedded multilanguage.

YOUR BENEFITS

- Highly improved sensitivity especially for low-contrast fault detection
- Increased productivity thanks to less machine downtime and reduced set-up time
- Complete information and tighter process control
- Customized and easily definable inspection areas
- Statistical analysis and complete supervision of faults and types of fault detected
- D-TECH vision system can be integrated into the ANDRITZ Metris solution for better default analysis and improved efficiency of the converting line

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