

KE1000

Video print inspection system

GENERAL INFORMATION

Installing the KE1000 system in your machine will bring many advantages. Without doubt, it will help you keep great relations with your customers and maintain high satisfaction, which will translate into repeated orders.



Guaranteed high quality print

Any errors are easier to spot and correct thanks to constant monitoring. Improved color registration and monitoring. x10 zoom allows very accurate registration of crop marks, spots and smudges, along with inspecting text and other printing marks.



Reduced waste

Waste is reduced because the machine operator can immediately introduce corrections while the machine is running. Corrections can be made on the run, as soon as irregularities occur, and the improved results can be seen immediately. Consequently, printing takes less time and less material is used.



Inspection at higher printing speeds

Improved efficiency due to printing at higher speeds. No more reasons to print at low speeds. The operator can monitor printing in real time and correct problems while the machine maintains full speed. Thus, more jobs can be completed in less time.



Affordable inspection system

Clients can purchase the system directly from the manufacturer at affordable prices. The system has been designed on the basis of components made by leading providers of industrial automatic products. Its functionality makes it fully competitive in relation to other solutions available in the market.

AVAILABLE IN TWO VERSIONS



System with manual positioning

The camera's position is adjusted manually, over a selected area.



System with manual positioning

The camera's position is adjusted by means of an automatic guide rail with a step motor.

OPERATING MODES



C Normal

The selected printing area is refreshed in cycles; for inspecting printing errors, registration and other printing marks.



Auto-scan

Image grabbing for viewing the entire print area, frame by frame, along the web.



Comparison with master image

The split screen mode allows to view the actual image in print and the master image stored in the memory.

SPECIFICATION

Camera module	high resolution UltraHD digital camera
Image quality	precision representation of color depth and all print details
Adjustable zoom	x10 digital zoom
Screen	LCD 21" with LED backlight
Image refresh	images captured every 0.5 sec, adjustable from 0.5 sec. up to 10 sec.
Stroboscope	built-in stroboscope lamp for optimal level of brightness
Control panel	quick access to all functions of the system
Camera positioning for printing length	electronically, with up/down buttons on the control panel
Camera positioning for printing width	<i>KE1000</i> rail guide with manually repositioned camera <i>KE1000-MT</i> rail guide with automatically repositioned camera by step motor (rail guide size customized to Client's needs)
Mains	AC 230V

MANUFACTURER