The contents of this catalog are subject to change without notice. Please confirm details with our Sales Division during your planning stage.
Nireco is involved in your production processes, offering systems that will enhance your product quality!

Sister machine to the BCON5000

By offering only single-sided inspections and functions, we have achieved a more affordable price.

The BCON series — expanding through Nireco’s proven performance

The BCON3500 uses the inspection technologies that Nireco has developed, to help improve product quality through reliable inspections. It inspects a wide variety of substrates, “visualizes” the inspection, and is easy to operate.

Examples of detected defects

- Major defect (insect)
- Short defect (whisker)
- Hair
- Gradations

Result-delivering 8-circuit inspections

Point defect detection : 3 circuits
Line defect detection : 4 circuits
Gradation defect detection : 1 circuit

In addition, the system can also detect defects such as fish eyes, burns, dirt and scuffing marks.

Screen layout

- Overall view screen
- Still image Lite PSI
- Point memory function
- Defect linking function
  (* relies on synchronization signals)
  You can concentrate on monitoring the area where defects occur.

Optimum icon size for touch-screen operation

- Green : optimal zone
- Orange : low-light-level zone
- Red line : current light level (illumination %)

Nireco LED lighting — the product of technology and know how

High-brightness LED lighting uses basic optical principles to enable the inspection of a wide range of substrates.

Features

- Illuminates the web with the optimal level of brightness
- A standard light-emitting length of 1400 mm. (When width = 1200 mm)
- Can be manufactured in 200-mm-unit lengths. (Optional)

Profile screen

LED illumination gauge

This feature detects printing and web processing defects and graphically displays the appropriate amount of illumination from lighting systems required for a wide variety of different substrates, providing support to the factory floor through its intuitive operating environment.

LED profile ON and SAVE functions

A feature inherited from the BCON2000: you can check the camera signal waveform during the inspection. You can also save the camera signal waveform data that you have checked.

Functions that change the way inspections are made

* Synchronization signals are timed so that the inspection system can make stable inspections (1 pulse per rotation of the plate cylinder).