



**The BCON5000's intuitive operability totally transforms pattern inspections**



PRINT QUALITY INSPECTION SYSTEM

**BCON5000**



**Seven  
Big Steps  
Forward!**

**3-layer 4096-pixel 80 MHz cameras**

- Equivalent to or higher horizontal and vertical resolution compared with 3-line camera systems. Faithful color reproduction for higher detection performance

**LED illumination**

- The higher luminance from the LEDs and the elimination of light intensity variation create an even level of lighting that enables stable detection

**New image processing board**

- The processing performance is approximately twice the speed of the BCON3000Plus, and the latest 4096-pixel cameras can be connected together

**Much more user friendly**

- The multiple touch-screens give the feel of operation via tablet

**Classification function (labeling function)**

- In addition to the conventional light and shade scoring system, the area and the size of the defect can also be displayed
- Not only a conventional after-image display of the defect, but also the defect's color, size and area are shown

**Separate operating unit and control panel**

- The separate control panel means that you can install the operating unit anywhere

**Wide range of optional functions**

- Kurohyou function (A specialized method for inspecting laminates)  
\* Patented (Patent No. 4979114)
- Register alarm monitoring function (displays the results of detected shifts in registration position, and can apply sticky labels)
- Density inspection
- Simplified pitch measurement
- Simplified still-image function
- Shift detection
- Setting inspection for each area

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### Easy STEP set-ups, from the HOME screen!

#### Your choice of HOME screen

In the normal SET UP operation, you select the icons of your choice from the HOME screen. You can make individual settings as well.

#### The SET UP lamp function prevents set-up errors!

Once you have finished making the optimum inspection settings, all the icons from STEP ① to STEP ⑧ light up. The inspection will not start if any of the settings have been missed and the icons are not lit. This feature helps prevent setting errors.



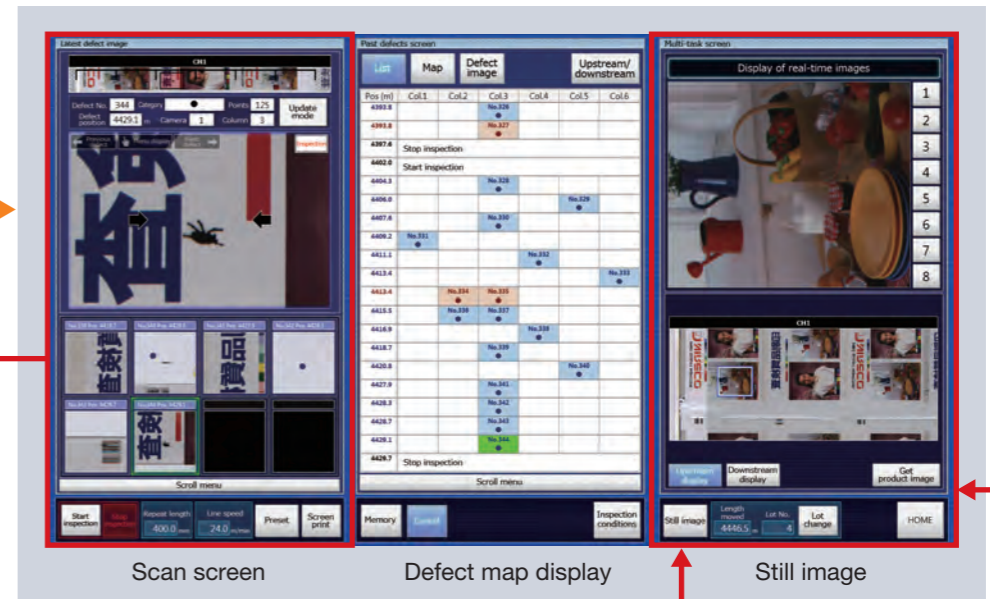
### You can lay out various inspection screens the way you like

Switch to the scan display

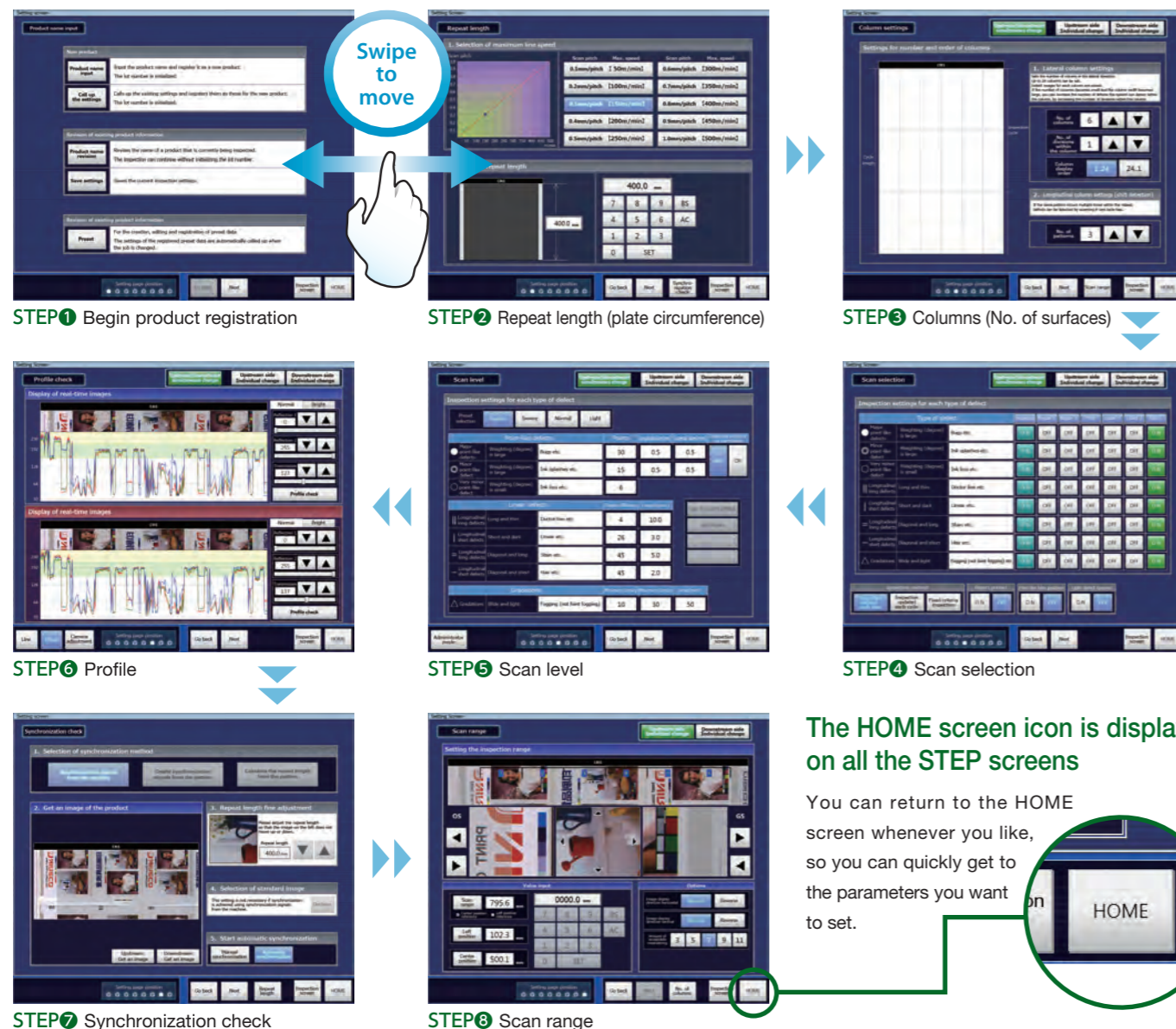


Easy-to-understand defect magnification screen

- Defect size
- Color
- Area
- Alternating display of standard and scan images



You can switch between display functions using the pop-up icons



#### The HOME screen icon is displayed on all the STEP screens

You can return to the HOME screen whenever you like, so you can quickly get to the parameters you want to set.



### Intuitive operability, with the feel of a tablet!

