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
- 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

The BCON5000's intuitive operability totally transforms pattern inspections
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.

Switch to the scan display

Easy-to-understand defect magnification screen
- Defect size
- Color
- Area
- Alternating display of standard and scan images

The SET UP lamp function prevents set-up errors!

Once you have finished making the optimum inspection settings, all the icons from STEP ⑤ to STEP ⑩ 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.

Easy STEP set-ups, from the HOME screen!

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

Intuitive operability, with the feel of a tablet!