

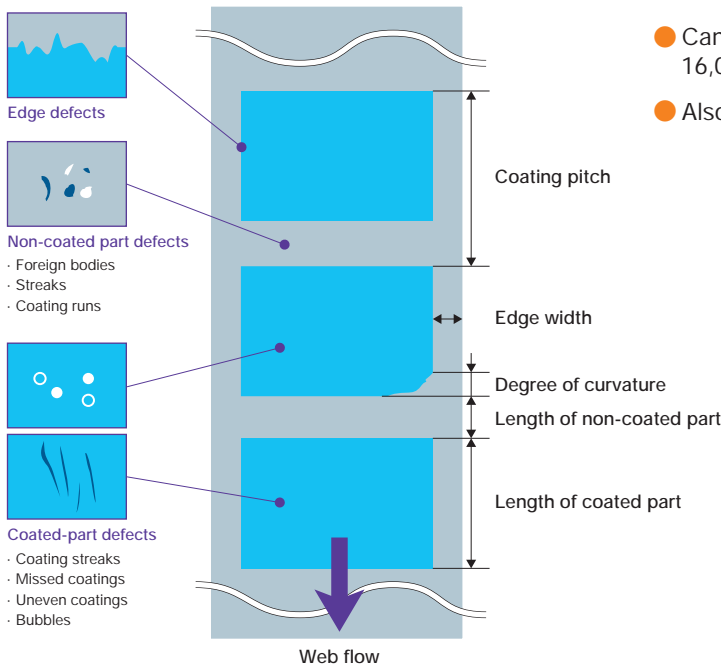
# e-FlexEye-RB2

## Preventing the flow of defects and ensuring a high yield

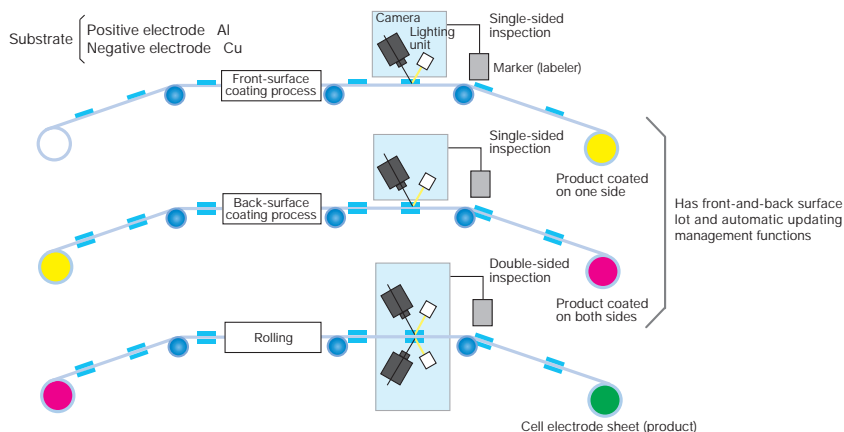
Nireco's cell electrode sheet inspection system detects both coating defects and coating gap defects in intermittent and striped electrode sheets simultaneously, using a single high-speed line sensor and hardware-based image processing. This system also performs pattern dimension measurement (coating edge rise, degree of alignment, register length, etc.) of both coated and uncoated parts at the same time.

### Cell electrode sheet inspection functions

(Inspection of coated and uncoated parts, front and back simultaneous inspections)



### Examples of cell electrode sheet visual inspection system operations



### Features

- Handles intermittent coatings, multiple-stripe coatings, and intermittent + multiple-stripe coatings
- Using Nireco's unique method, one camera can inspect both coated and uncoated parts
- The system can measure the dimensions of coated or uncoated parts
- Can also detect defects near the edges of coated or uncoated parts
- Can monitor curves and front-and-back coating shifts near the edges of coated or uncoated parts
- Can be fitted with a line sensor camera having 2,048 to 16,000 pixels and a maximum data rate of 320 MHz
- Also supports a CIS (Contact Image Sensor)



