

Surface reforming state sensor

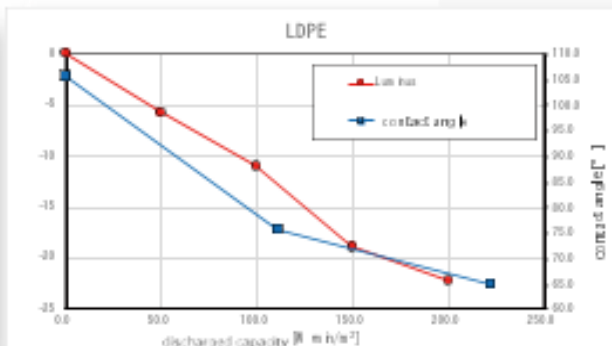
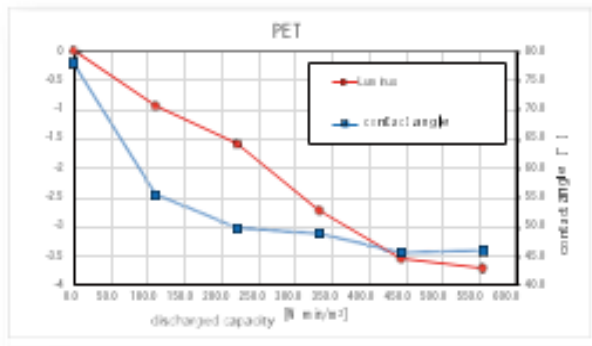
Caisits

Determines the surface reforming state of plasma, corona and flame treatments

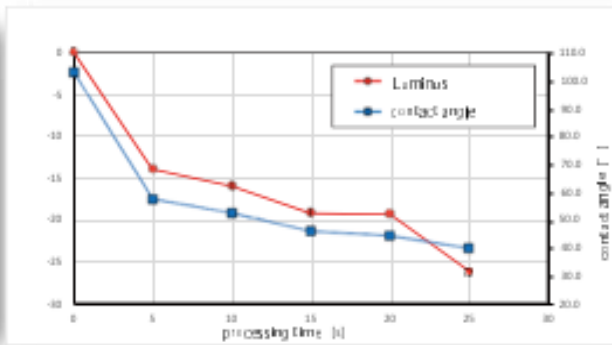
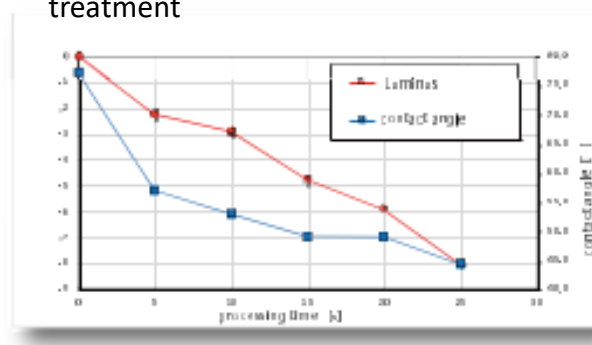


Measurement example

Corona



Plasma treatment



The data are correlated with the results of the contact angle.

Current methodology

	Before treatment	After treatment
Contact angle		
Wettability judgement by using a wetting reagent		

Issue:

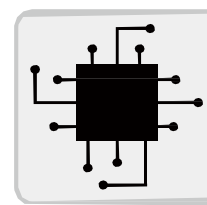
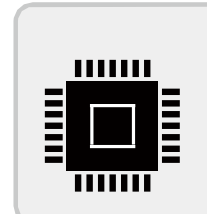
- the loss is high because the line can not stop until the sample inspection
- both some skills and experience are needed to prevent the loss without quantitative measurement

With Caisits

- Improves the efficiency of a production line enabling real-time measurements
- It does not require skills and experience to prevent the loss
- Feedback control

Various applications

Automobile part



For Films

