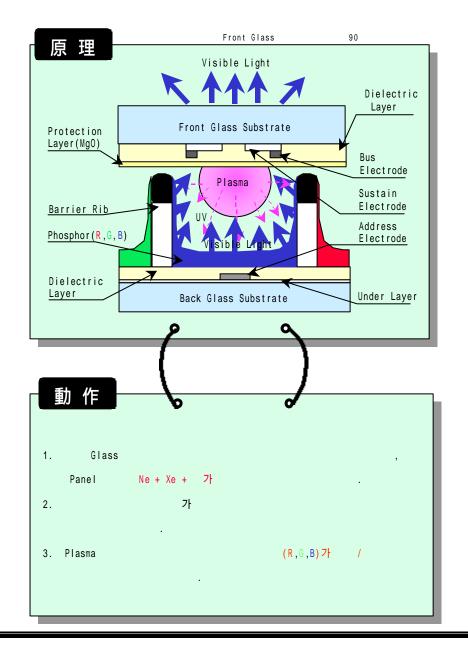
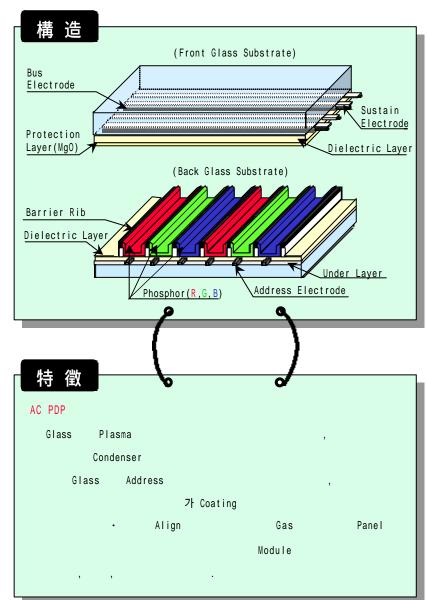
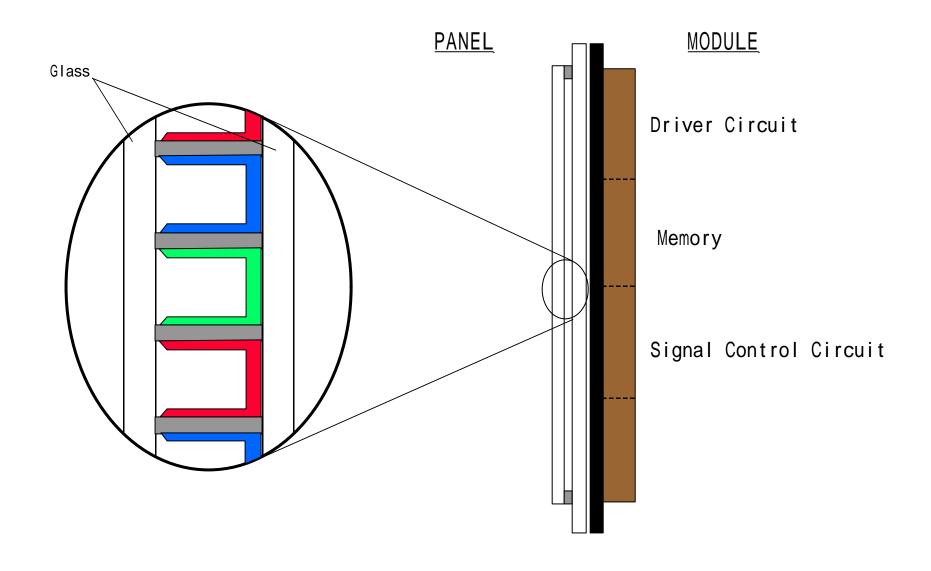
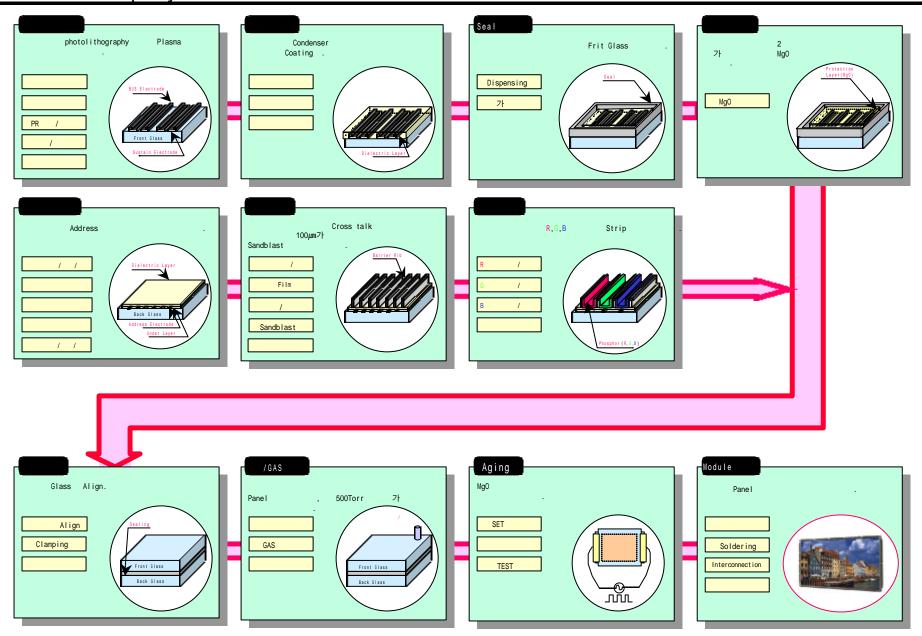
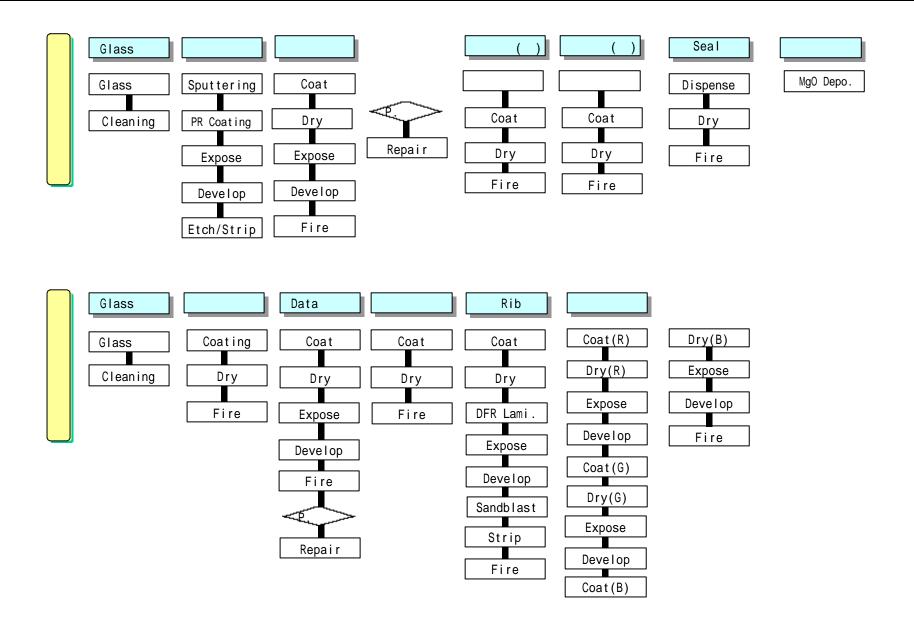
## Plasma Display Panel

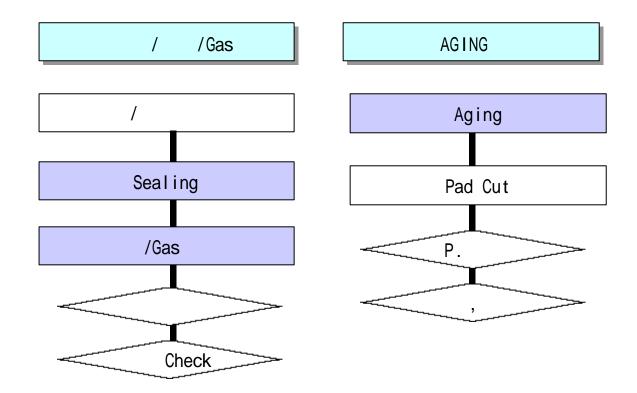


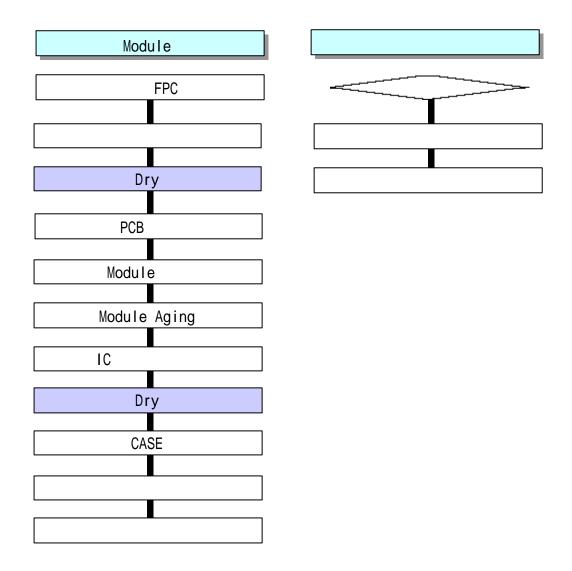












2-1. Process

AC PDP

가 BUS , Data Writing

Data ( )

(Front Plate)

1. (Sustain): AC PDP Cell 가

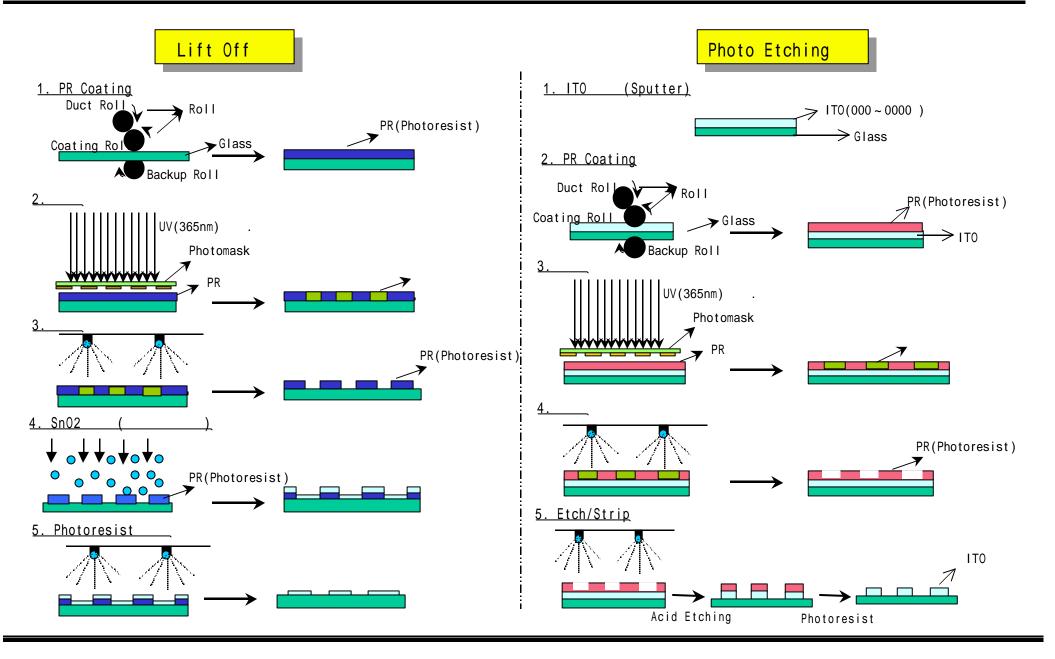
(Sustain)	• • • BUS • ,	• ITO(Indium Tin Oxide) - Sputter ( 가 ) - Ion Plating • SnO2( :NESA ) - (CVD)	<ul> <li>ITO(Indium Tin Oxide)</li> <li>Photoetching</li> <li>Liftoff</li> <li>SnO2(NESA )</li> <li>Liftoff</li> <li>Photoetching</li> </ul>

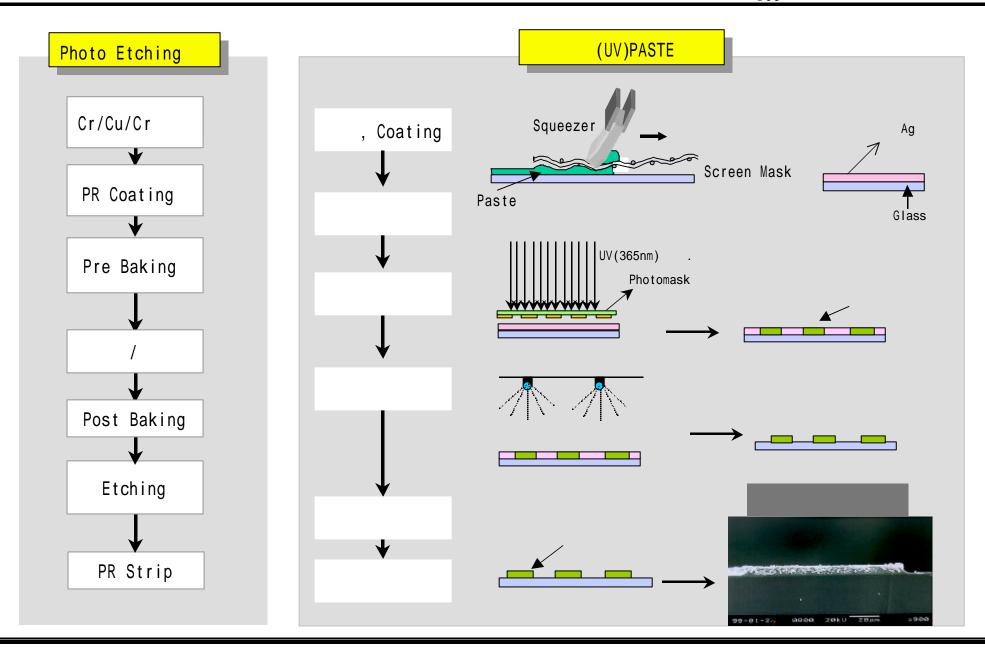
2. BUS : BUS

BUS	<ul><li>Uniformity</li><li>Matching</li></ul>	<ul> <li>Cr/Cu/Cr,Cr/AI/Cr</li> <li>Sputter</li> <li>Paste(Ag)</li> <li>Coating</li> <li>Paste(Ag)</li> <li>Pattern</li> </ul>	<ul> <li>Cr/Cu/Cr,Cr/AI/Cr</li> <li>Photoetching</li> <li>Liftoff</li> <li>Paste.</li> <li>Photo</li> <li>Paste.</li> <li>Direct Pattern</li> </ul>

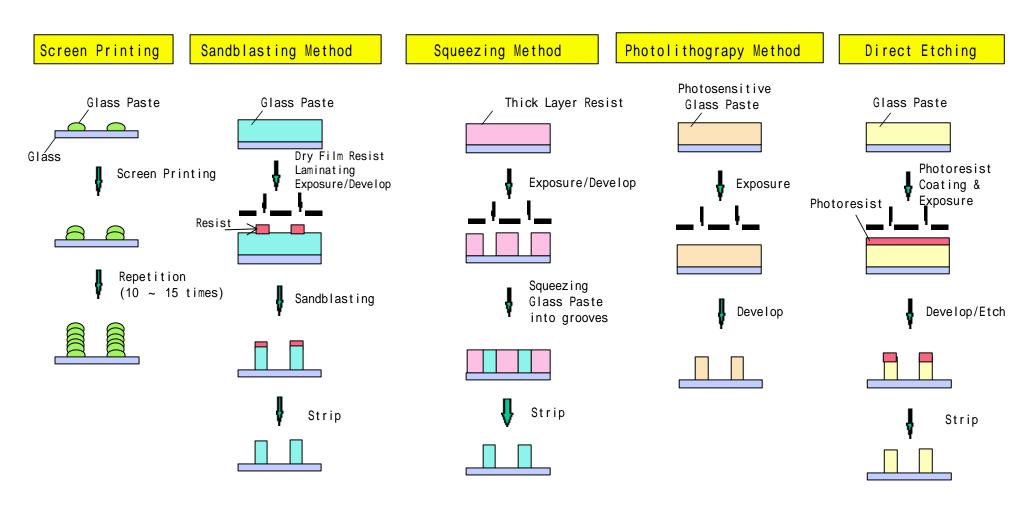
(Back Plate)

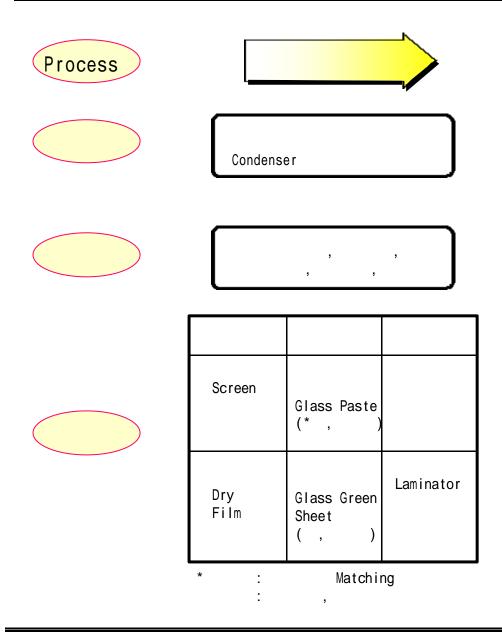
1. Address (Data ): Data writing. - BUS .

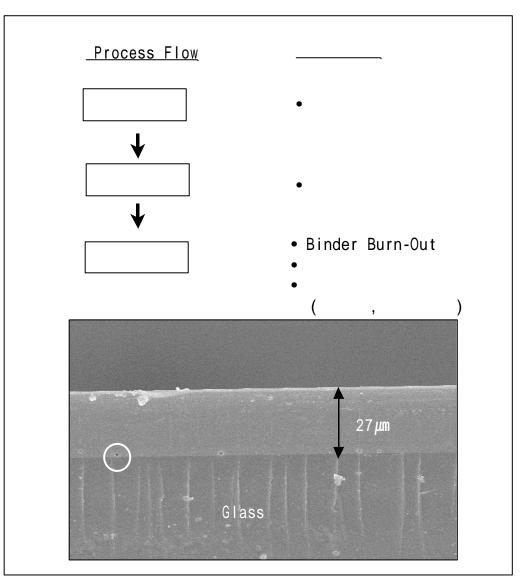


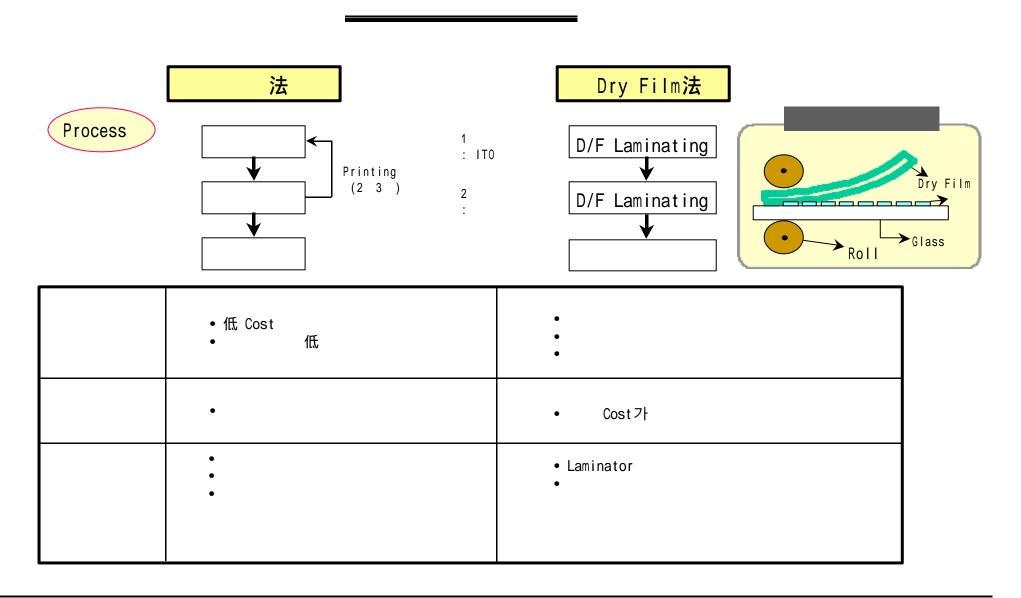


## Red, Green, Blue









2-3. Process

Mechanism

## 1. 印刷 工程 定義

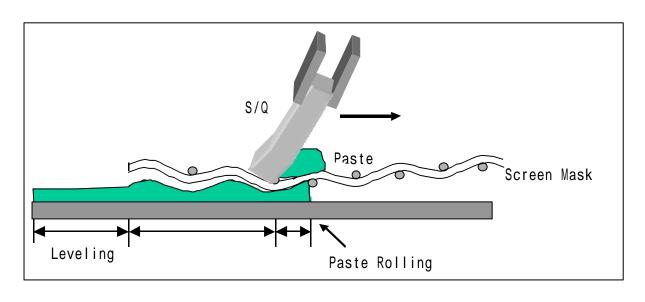
Paste Screen Mask Glass
Paste ,Address ,White Back,Rib, Rib, アプト PDP

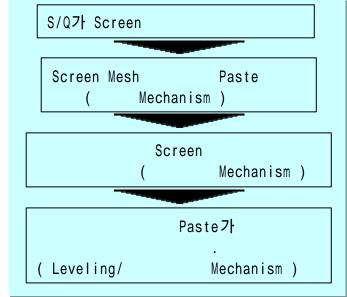
Screen Mask , B/M PDP

## 2. **印刷** Mechanism

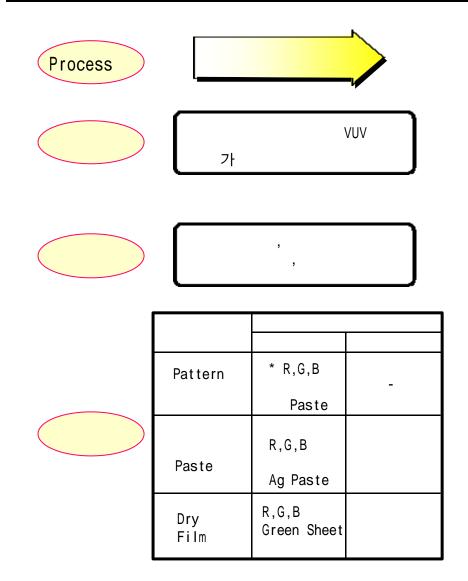
S/Q(Squeezer)가 Paste가 Screen Mask SUS SUS 가 가가 .

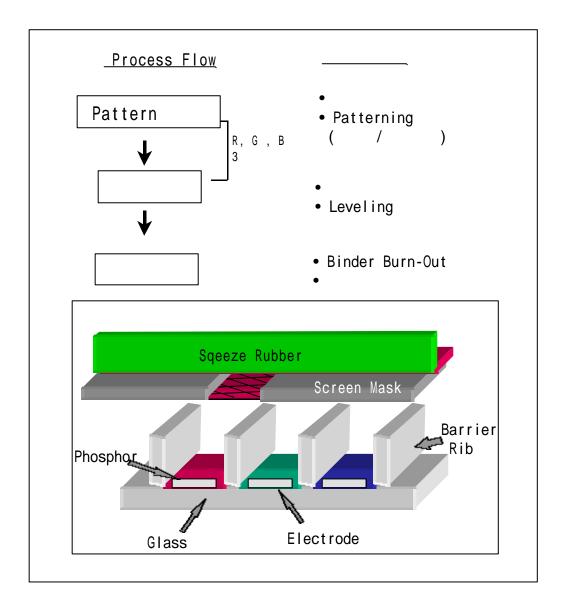
Paste가





, Paste, Screen Mask 3가





2-5.

Process

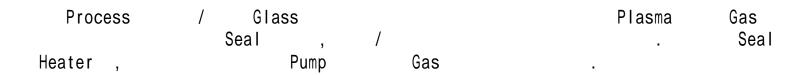
Pane I

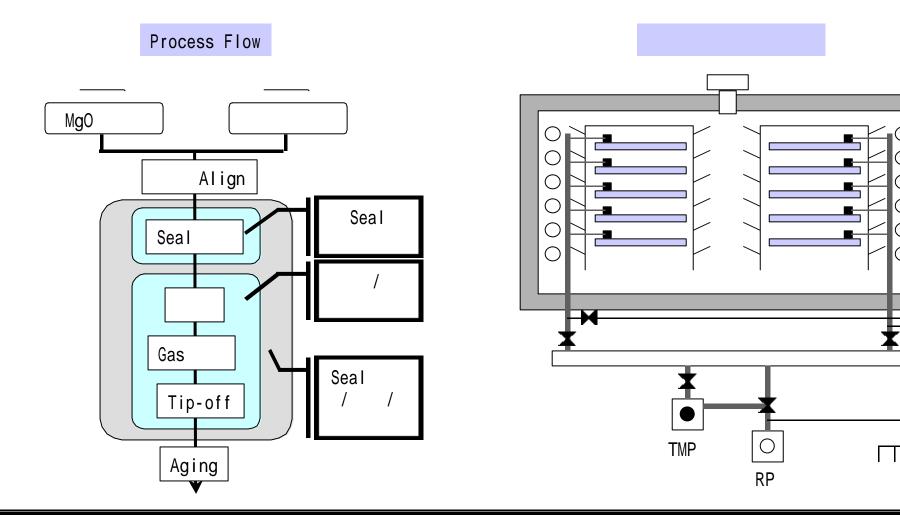
2

No.		Pane I
1	( Sputter )	(Life time)
2	2	
3	가	
4		가 .
5	Sealing / 가	

			Aging
• ( )	• EB, Sputter, Ion plating,	<ul><li>(Seal)</li><li>Pumping ,</li></ul>	<ul><li>Aging</li><li>Aging</li></ul>
	• Power ( , ),		
•	• ( , , , )	• outgassing • Crack	• Ion • ( )

GAS



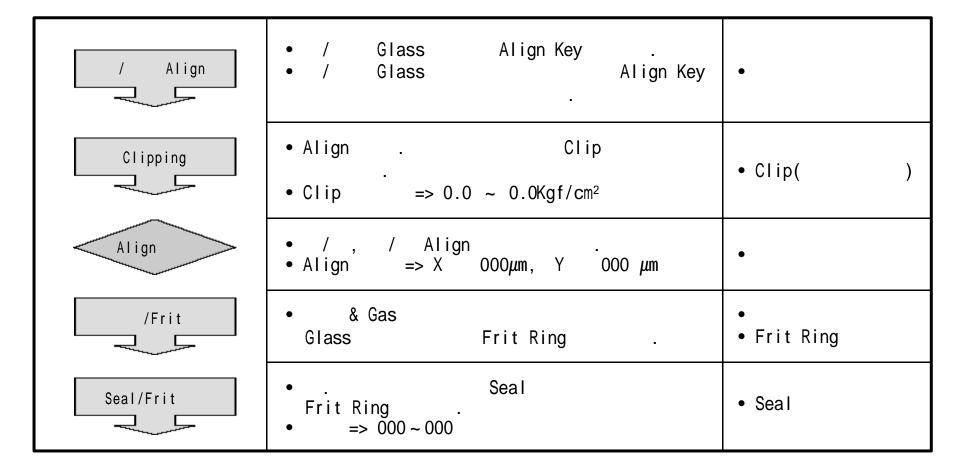


/ Align Key Clipping Align Seal / / . Gas Frit Ring .

Process

Process

/



Panel

Panel Panel

Aging

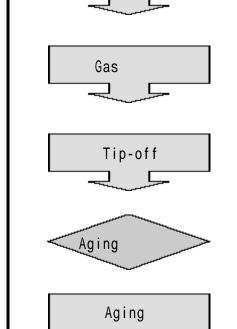
Gas .

가 Tip-off

Process

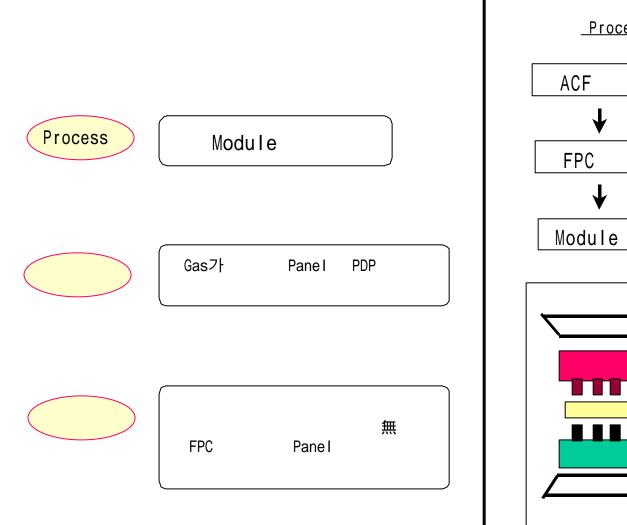
Process

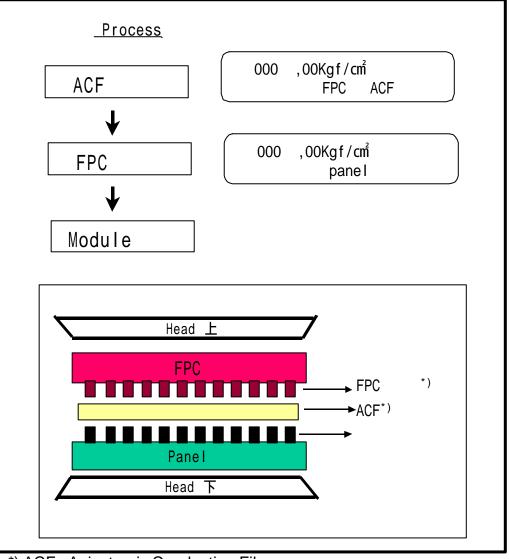
1



• Gas Panel • Torr	• /
• Panel Gas . • Gas Panel 가 . * => Gas (He, Ne, Xe),	• / • Gas
• Pane I Gas	• Torch
• Aging Panel .  * / => , , (Open, Short, Cell Defect)	<ul><li>Aging</li><li>Tester</li></ul>
• Sustain Pulse 가 Cell • 가 Gas . * => , , ,	• Aging

2-7. Process Module

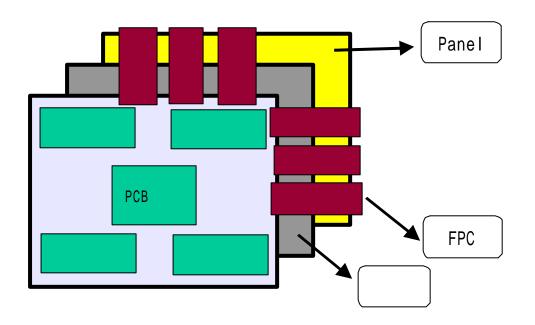




\*) ACF : Anisotropic Conducting Film

FPC: Flexible Print Circuit

2-7. Process Module



ACF : Anisotropic Conductive Film( Film) Au Coating Ball 가 FPC Glass Film 150C FPC : Flexible Printed Circuit Film Polymide Pattern Pane I 가 Pane I 가 Aging Pane I

