UV LASER TITLER SYSTEM

Maximizing Productivity and Efficiency by using Multi Head & On The Fly Marking

OVERVIEW

A system which performs Glass ID and Panel ID Titling (Exposing) on a specific position of LCD Glass using LASER.

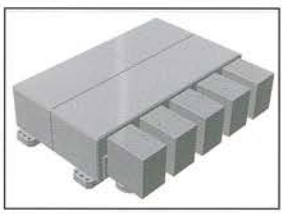
Maximizes space efficiency through efficient head placement, and achieves high quality by stable power control.
Through real-time titling on moving glass, the system exhibits the best productivity.

KEY FEATURES

- High speed Titling
- Large Scan area
- Diode pumped LASER : UV 355nm
- User friendly software
- Maintenance free over 10,000 hours
- Field-replaceable diode module
- Robust scan head
- Powerful editing software
- Improved Titling quality
- High efficiency, High stability
- Advanced technology application

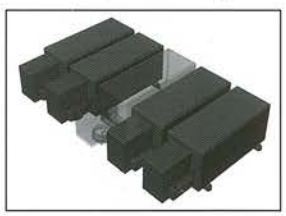
※80% Market share of World's LCD Market

UV TITLER (1LASER-Multi HEAD)



1. Consists of 1LASER Multi HEAD
2. Structure which makes it able to perform concurrent titling with different patterns from one LASER source using multi head.
3. Even in the case when LASER source path is unstable, controls LASER route path so that the final output path can be stable.

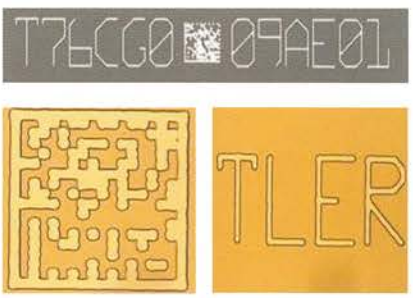
N-TYPE TITLER (1LASER-1HEAD)



More Cheap!! More Reliable!! Easy to configure!!

1. Consists of 1LASER 1HEAD
2. Structure which makes it able to manage one Titler Component as a Unit
3. Less power loss due to reduced laser route
4. Easy maintenance because individual disassembly is possible

SAMPLE



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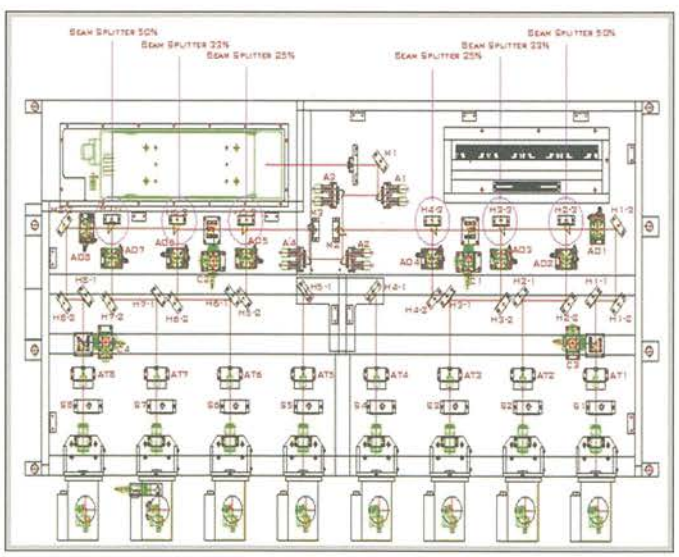
UV LASER TITLER SYSTEM

SYSTEM SPECIFICATIONS

SPECIFICATION		
MODEL	**UV TITLER**	**N-TYPE TITLER**
Wavelength	355nm	405nm
Beam Mode	TEM_{00}	TEM_{00}
Titling LASER (Maximum Output Power)	1W~3W (100mW / Head)	100mW / Head
SCAN HEAD		
Titling Scope	(330mm * 330mm)* n HEAD	(330mm * 330mm)* n HEAD
Working Distance	668.8 mm	668.8 mm
Titling Method	Galvanometer Scan	Galvanometer Scan
Spot size	30um~60um	30um~60um
On The Fly Speed (Stage Moving speed)	Max 400mm/sec	Max 400mm/sec
UTILITY		
Cooling Method	Air Cooling, Water Cooling	Air Cooling
Supply Voltage	AC220V, 50/60Hz, Single phase	AC220V, 50/60Hz, Single phase
ENVIRONMENT		
Operating Temperature	10~35°C	10~35°C
Operating Humidity	5~90% (non-condensing)	5~90% (non-condensing)
CONTROLLER		
CPU	Intel / Core 2 Dou	
RAM	1GB	
HDD	80GB	
OS	Windows XP	

DRAWING'S EXAMPLE OF 8HEAD TITLER



SOFTWARE FUNCTIONS

- On The Fly Titling
- Simplifying the Titling data
- Easy marking ID Edit Function
- Power Compensate Function
- LASER Beam route Real time align
- Support various files (PLT, DXF, FONT, etc.)
- Barcode (VERICODE, DATA MATRIX, etc) Titling
- Marking Data Preview

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