

## 2-2 Component parts

- ① EL-display : 320x240 dots
- ② Control panel : Table top type keyboard
- ③ PPMC boards : Drivers for the pulse motor control  
X, Y, Z, E 1 (4-axes)
- ④ CPU board : MC68000/GPIB interface
- ⑤ APC board : Electric power supply for LD drive (ACC/APC)
- ⑥ MDL2 board : YAG Oscillator Control
- ⑦ RLY board : Electric solenoid control
- ⑧ X-axis pulse stage : FX-610 30.0mm/0.1um
- ⑨ Y-axis pulse stage : STM-50ZF 50.0mm/0.1um
- ⑩ Z-axis pulse stage : FX-610 30.0mm/0.5um
- ⑪ E1-axis pulse stage : STM-80X 80.0mm/1.0um
- ⑫ OSA Platform(LD)Chuck : supplied by Lucent Technologies
- ⑬ Fiber&Clip Chuck : supplied by Lucent Technologies
- \*⑭ YAG laser oscillator : FX-1801 optical path length 3-branch
- \* YAG laser head : 4-heads (WD=150mm) with air suppress stages
- Translation stage :  $\Sigma$ -211PS  $\pm$  6.5mm/10.0um (Linear)  
 $\Sigma$ -211PSR  $\pm$  6.5mm/10.0um (Linear)
- Linear Ball Slide : AWT-16x100
- \* CCD Camera : Toshiba IK-UM42 with WD=150mm Camera Lens
- \*⑮ Visolator : AY-1510K4 1500x1000x800mm
- \*⑯ Personal computer : Protec/Windows NT
- \* GP-IB Interface card : NI PCI-GPIB/TNT+
- \* 15" colour CRT monitor :
- ⑰ YAG sequence controller: AOI YAG Interface Box
- ⑱ CRT Color Monitor : WV-CM1000
- ⑲ Fiber Light Guide : LA-150TX with Optical Fiber(LGB2-3L5000)
- ⑳ Cursor Line Generator : ELG-40

Close look of \*-mark equipments refer to operation manual of each equipments.