



3 Front camera
 Solution A: TS-300HV + JVS96
 Solution B: sherpa61 + JVS96
 Solution C: SD960-2N + JVS96

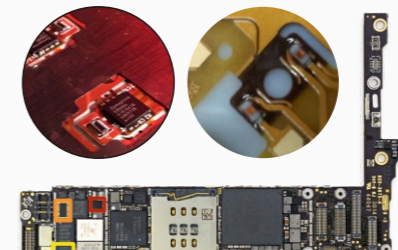


4 Rear camera
 Solution A: TS-300HV + JVS96
 Solution B: sherpa91 + JVS96


Labels: 镜片与镜筒点胶粘接, 镜筒与底座点胶固定, 底座与FPC点胶固定, 磁石与金属圈点胶粘接, 滤光片与镜座点胶粘接, FPC点胶补强, 芯片Underfill点胶



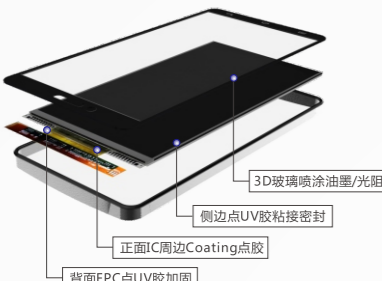
5 Battery
 Solution: sherpa61 + JVS96



6 Mainboard
 Solution: sherpa61 + JVS96



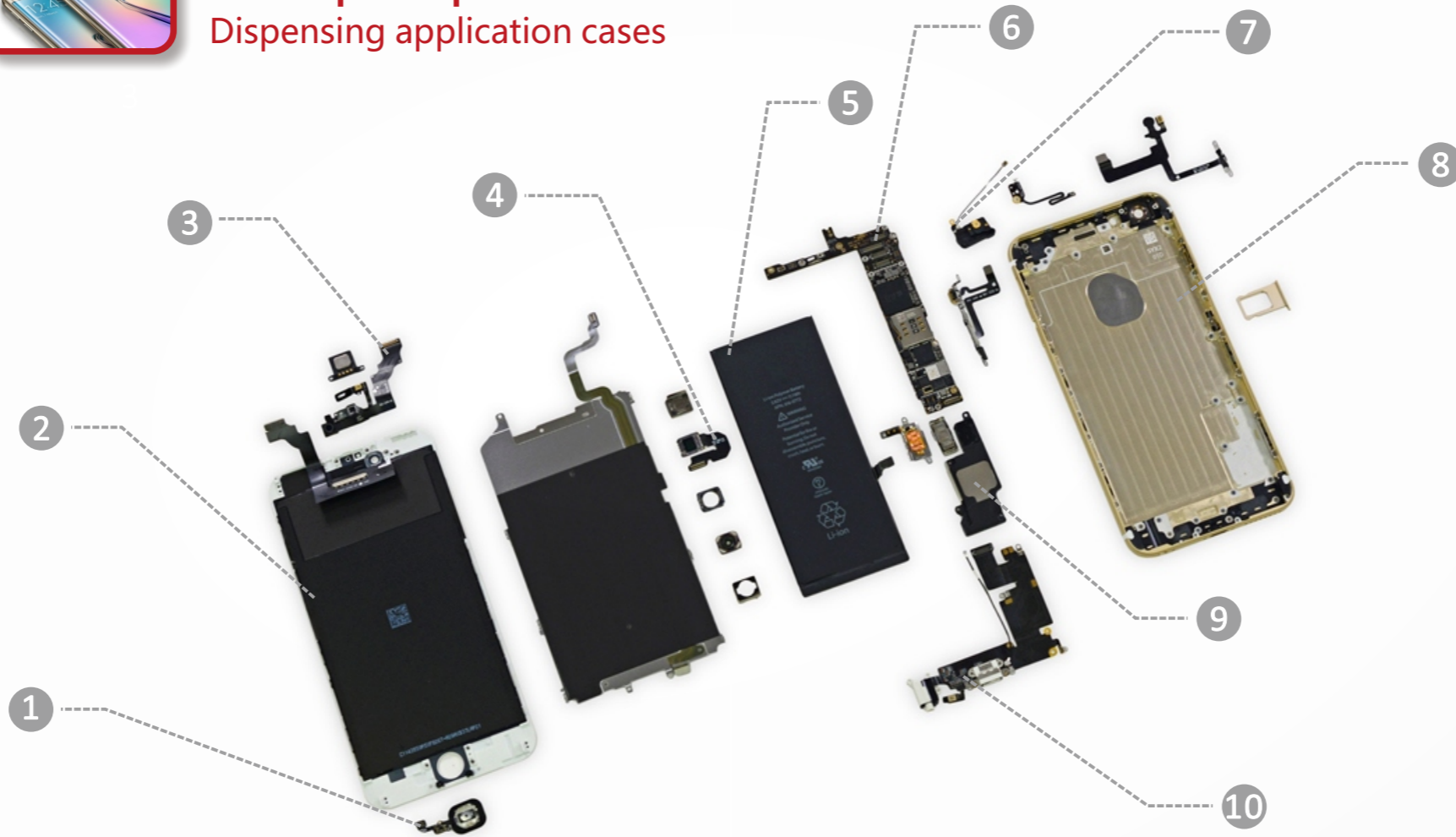
7 Antenna
 Solution A: TS-300HV + JVS96
 Solution B: sherpa91 + JVS96



2 Display module
 Solution A: TS-300HV + JVS96
 Solution B: FD100 + JVS96

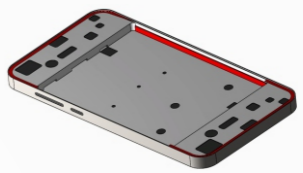
Labels: 3D玻璃喷涂油墨/光阻, 侧边点UV胶粘接密封, 正面IC周边Coating点胶, 背面FPC点UV胶加固

**Mobile phone parts
 Dispensing application cases**




1 Fingerprint recognition
 Solution A: TS-300HV + JVS96
 Solution B: sherpa91 + JVS96
 Solution C: sherpa91-RT + JVS96

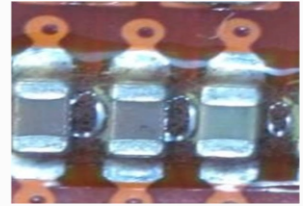
Labels: 点胶固定蓝宝石, FPC点胶固定金属环, FPC点胶与金属环导通, 指纹识别芯片Underfill点胶, FPC元件点胶包封补强



8 Housing
 Solution A: sherpa91 + JVS96
 Solution B: FD100 + JVS96



9 Speaker
 Solution A: TS-300HV + JVS96
 Solution B: sherpa61-2 + JVS96



10 FPC circuit board
 Solution A: sherpa61 + JVS96
 Solution B: sherpa61-2 + JVS96

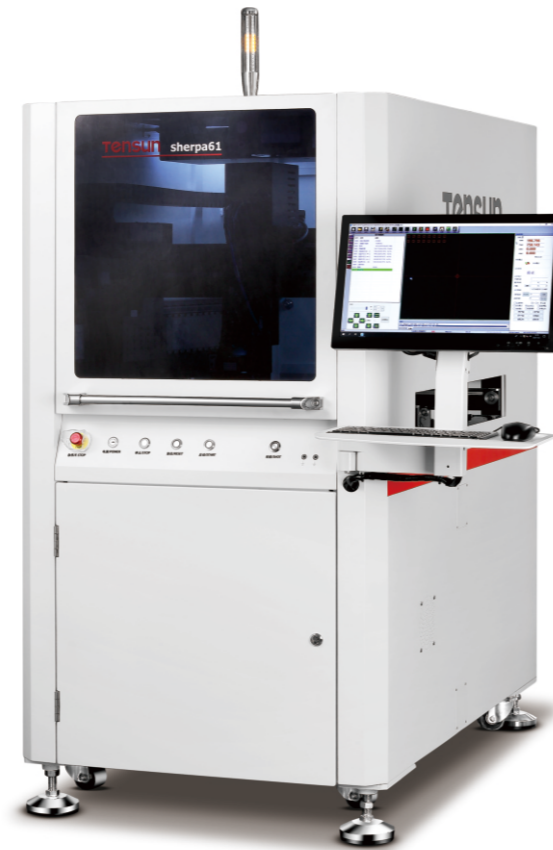
On-line Dispensing Machine-sherpa61

sherpa61 Introduction:

Developed based on PCB/FPC board-level dispensing process requirements, using standard SMT dual-track stroke design, with a linear motor drive with higher precision and efficiency.

Applications:

- LENS,VCM,CCM dispensing processes
- Small size PCB, FPC and other dispensing process of SMT industry



Model	sherpa61
(W×D×H) Overall dimensions	860×1450×1580mm
Axes	3/4/5
Axis repeatability	X/Y:±0.008mm, Z:±0.01mm
Max. speed	X/Y:1000mm/s, Z:500mm/s
Transfer track's load	≤3kg
Applicable substrate thickness	0.5~10mm
Dispensing range	Single track:470/750mm Dual track:470/340mm

On-line Dispensing Machine-sherpa91

sherpa91 Introduction:

This model is mainly developed based on the requirements of chip-level dispensing process. It adopts the casting frame structure, the gantry structured robot, and the higher efficiency linear motor drive. The optional dual assembly line configuration can meet the higher capacity requirement.

Applications:

- PCB, FPC, Underfill, Components coating and other dispensing processes of SMT industry
- MiniLED, semiconductor encapsulation dispensing process
- Mobile phone frame dispensing process



Model	sherpa91
(W×D×H) Overall dimensions	760×1320×1530mm
Axes	3/4/5
Axis repeatability	X/Y:±0.005mm, Z:±0.005mm
Max. speed	X/Y:1000mm/s, Z:500mm/s
Transfer track's load	≤3kg
Applicable substrate thickness	0.5~10mm
Dispensing range	Single track:350/480mm Dual track:350/200mm

Five-axis Dispensing Machine-FD100

FD100 Introduction:

FD100 is mainly developed for the dispensing process requirements of irregular mobile phone screen. It supports various standard curve interpolation, linear interpolation of arbitrary axis, spatial circular interpolation, spatial spiral interpolation, spatial involute interpolation, space cone, spiral interpolation, spatial spline interpolation, etc.

Applications:

- Frame dispensing process in curved mobile phone
- Full-screen, fringe screen, water droplet screen, hole screen, waterfall screen and other dispensing process.



Model	FD100
(W×D×H) Overall dimensions	1000×1200×1656mm
Axes	5
Axis repeatability	X/Y:±0.005mm, Z:±0.01mm
A/C axis repeatability	A:≤30", C:≤15"
Driving system	X/Y: Linear motor Z: Servo motor A: Servo motor C:DD motor
Dispensing range	200/100mm

Dual Station Dispensing Machine-AD67

AD67 Introduction:

This model is mainly developed for requirements of frame dispensing process of the mobile phone. It has the function of identifying frame edge to automatically generate the dispensing path, eliminating the poor dispensing problem caused by the dimensional error of the product. It is equipped with a double dispensing platform, positioning and dispensing synchronously to ensure the production capacity.

Applications:

- Mobile phone frame assembly dispensing process
- Other products assembly dispensing process



Model	AD67
(W×D×H) Overall dimensions	880×1050×1645mm
Axes	6
Axis repeatability	X/Y:±0.005mm, Z:±0.01mm
Max. speed	X/Y:1000mm/s, Z:500mm/s
Dispensing range	600/730mm

LENS Dispensing Machine-VL331D

VL331D Introduction:

This model is mainly developed for LENS assembly dispensing process. It has the function of identifying the LENS center and cutting position and automatically compensates dispensing position. It can identify products that have been dispensed and not put in place to avoid repeated dispensing and needling. Double working platforms and double dispensing heads can ensure the production capacity.

Applications:

- LENS assembly dispensing process
- Other products side dispensing assembly process



LENS

Model	VL331D
(W×D×H) Overall dimensions	760×1320×1530mm
Axes	8
Axis repeatability	X/Y:±0.005mm, Z:±0.01mm
Max. speed	X/Y:1000mm/s, Z:500mm/s
Dispensing range	230/230/100/360°
Dispensing control system	Pneumatic dispensing controller/piezoelectric jet valve

On-line Dispensing Machine-SD960H-2N

SD960H-2N Introduction:

This model is mainly developed for double-head asynchronous dispensing process. It has double dispensing heads to perform different dispensing actions respectively, and can work at the same time. It can be applied to different glues of the same product. It is equipped with UV curing device and automatic loading and unloading devices, which constitute a whole automatic dispensing curing line.

Applications:

- LENS, VCM, CCM dispensing process
- Semiconductor chip encapsulation, Underfill dispensing process.



LENS CCM
VCM

Model	SD960H-2N
(W×D×H) Overall dimensions	3510×1252×740mm
Axes	6/10
Axis repeatability	X/Y:±0.005mm, Z:±0.01mm
Max. speed	X/Y:1000mm/s, Z:350mm/s
Transfer track's load	≤4kg
Applicable substrate thickness	0.5~7.5mm
Dispensing range	320/180mm