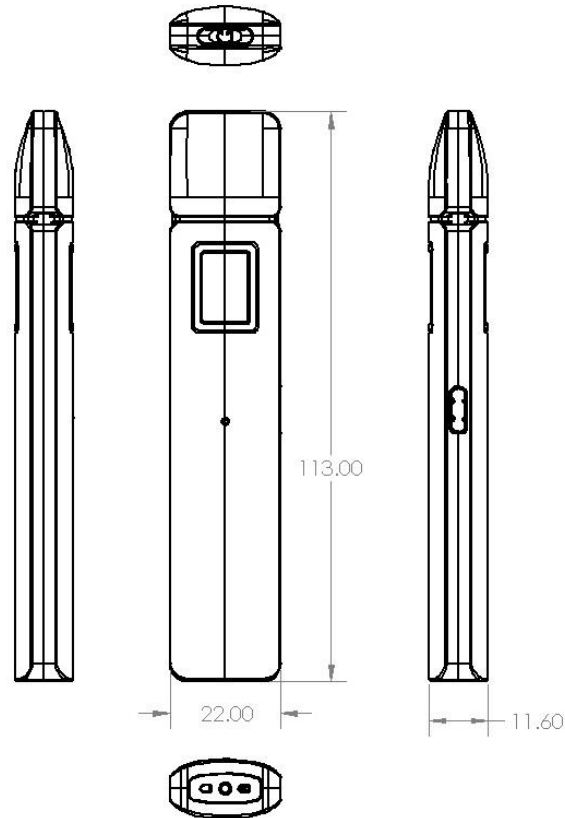
	DOCUMENT NO:	CDS- LX3930-4nnXXXX-YYZZZ-F	VER:	1.0
	Flex Disposable 1.5/2.0ml			EFFECTIVE DATE:
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**All dimensions in mm*

Description: All-in-one disposable vape pen, top-fill cartridge design


Features:

- CCELL Technology atomizer (T28) – heating element embedded in porous ceramic
- Breath actuated
- USB Type C Rechargeable battery
- 300 mAh Li-ion battery cell
- Customizable window
- Dual air vent design to ensure smooth draws and mitigate clogs
- Press-fit disposable– standard mouthpiece options available
- Operational viscosity ranges from 1,000 - 700,000 cPs @ 25°C [77°F]

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- Available in varying powers and fluid inlet sizes to customize vapor feel and taste

Specifications			
Internal Volume	Version	1.5mL	2.0mL
	Max. Fill Volume	1.5mL	2.0mL
Weight, empty with Mouthpiece	23 grams		
Resistance	1.4ohm standard; other options available upon request		
Voltage Output	3.4 V		
Activation Time	0-10s; Other time durations available by request		
Fluid Inlet Diameter	2x number of inlets, Standard diameter is 2.6mm (Refer to part number legend)		
Viscosity Range	1,000 - 700,000 cPs @ 25°C [77°F]		
Recommended Closure force	22.48 - 44.96 lbf (100-200 N) *per device		
Wetted Materials	Fluid Housing	ETP (Engineering Thermoplastic)	
	Mouthpiece	ETP	
	Airway tube	Stainless steel	
	Heating element	Nichrome	
	Wick	Ceramic	
	Atomizer retaining wrap	Cellulose	
	Seals	Silicone	
	Battery Housing	ETP	
Battery Cell Capacity	300 mAh Li-ion		
Max. Current Output	3.0A		
Charging	USB Type C, Rechargeable		
Safety Features	Short-Circuit Protection	When the resistance of loading is 0.4 +/- 0.2 ohm, the power will turn off. The LED keep shining for 2 seconds then turns off.	


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Low Battery Indication	$V_{CELL} < 3.3V$, output shall be de-energized, and LED shall flash 10X.
Branding Options	Custom branding available with MOQ, including customization of window shape
Safety Certifications	<ul style="list-style-type: none"> • RoHS • CE • FCC
Operating Temperature and Humidity	<ul style="list-style-type: none"> ○ Charging Temperature: 10°C to 45°C ○ Working Temperature: 0° to 60°C ○ Operating humidity: 35% to 70%
Storage Temperature and Humidity	<ul style="list-style-type: none"> ○ Storage Temperature: 23 ± 5°C ○ Storage Humidity: 35% to 70%

Part Number Legend – LX3930-4nnXXXX-YYYYZZZ-F

<ul style="list-style-type: none"> • nn->Filling Volume <ul style="list-style-type: none"> ○ 15 for 1.5ml ○ 21 for 2.0ml 	<ul style="list-style-type: none"> • YYY→ Power <ul style="list-style-type: none"> ○ 000 for 9W (1.4ohm & 3.4V) ○ 017 for 7W (1.7ohm & 3.4V) ○ 019 for 6W (1.9ohm & 3.4V) 	<ul style="list-style-type: none"> • ZZZ→ Inlet Diameter Options <ul style="list-style-type: none"> ○ 000 for ϕ2.6mm ○ 002 for ϕ2.0mm ○ 114 for ϕ1.4mm
Mouthpiece: <ul style="list-style-type: none"> ○ LX9015-408XXXX for 1.5mL ○ LX9020-408XXXX for 2.0mL 	F → Foam Tray <ul style="list-style-type: none"> • In Foam Tray 5x10 (27mm x 16.2mm spacing) 	

*XXXX digits denote product branding

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Flex Filling Instructions

Failure to follow these instructions may result in leakage of poor performance. Multiple mouthpiece styles are available. All press on in the same manner.

Flex Filling Instructions

1. While the device is oriented vertically, fill the device through the needle. Do not overfill.

Caution: Do not allow fluid to enter the airway (center tube).

2. Immediately after filling, install the mouthpiece by firmly pressing it over the reservoir. The recommended pressing force range is 22.48 lbf - 44.96 lbf (per one device), the mouthpiece is installed correctly when the seal on the bottom of the mouthpiece is seated inside the housing. After assembling, the device with the mouthpiece should have a total height of around 113±0.3mm. (see drawing above for reference)


3. Press the mouthpiece within one minute after the liquid filling.

Caution: Failure to install the mouthpiece within 2 minutes of filling may result in leakage.

4. The device should stand for at least 30 minutes before use. During this time, fluid is priming the atomizer. The rate at which the atomizer saturates is dependent upon the viscosity of the fluid. More viscous fluids may require more time.
5. The match between the oil and the product should be tested and verified before batch injection.
6. It is recommended to use alcohol with a concentration of less than 50% to wipe or disinfect. Isopropyl alcohol or acidic solvent is not allowed.
7. If the device is to experience a pressure change as a result of an increase in temperature or a change in elevation, the device must be shipped with the MP facing down exposed to ambient air.



Align horizontally with reservoir

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Pre-loaded Filling Instructions

- Recommended Closure Force (**50pcs**)
 - 1124.04lbF - 2248.09lbF (5000N-10000N)



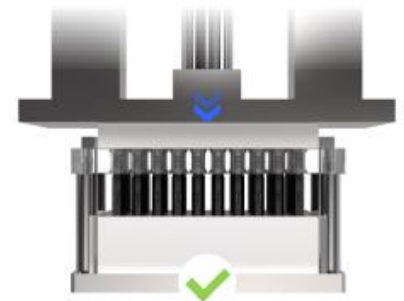
STEP 1

Place the preloaded battery tray onto the baseboard.



STEP 2

Put the deflector over the tray.



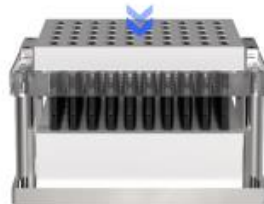
STEP 5

Press with machine to seal off the filled devices.



STEP 3

Fill oil into the reservoirs.



STEP 4

Place the preloaded mouthpiece tray onto the deflector.

For Technical Assistance please contact us at:
CS@JupiterResearch.com