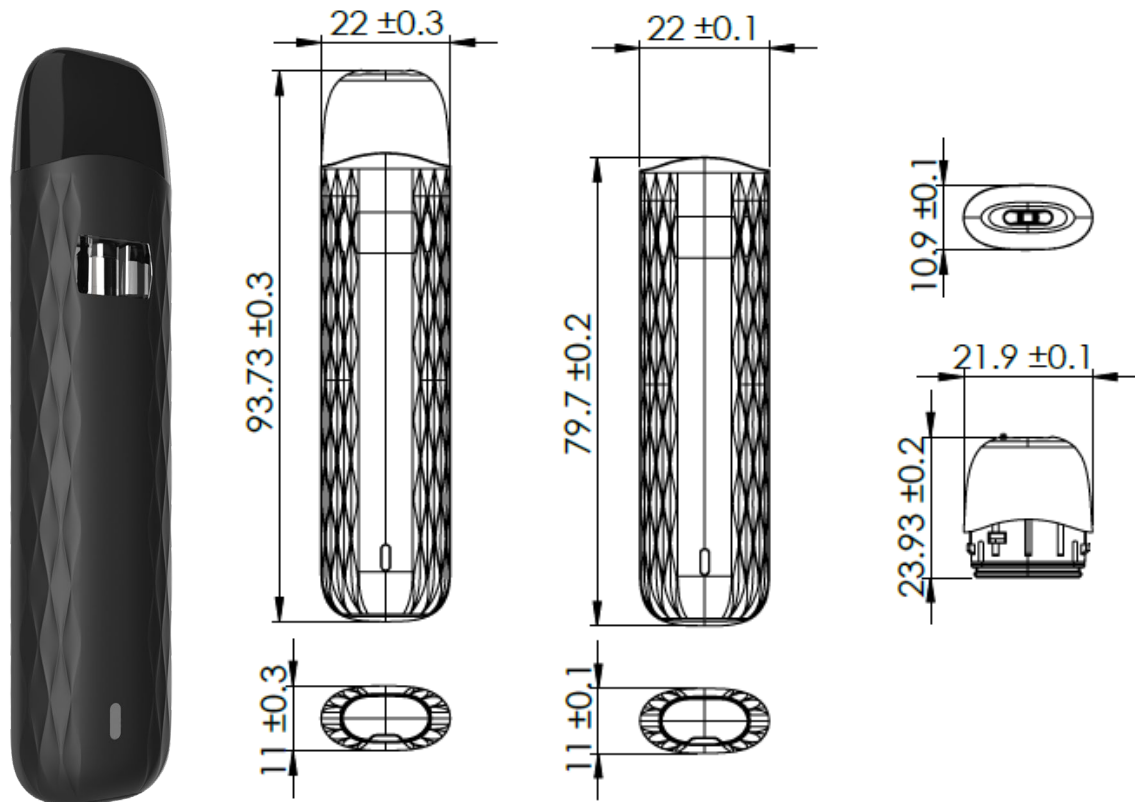

	DOCUMENT NO:	SPEC- LX3935-380XXXX	VER:	1.1
	POCHÉ			EFFECTIVE DATE:
APPROVAL:	ECO-236	Jupiter PN(s):	LX3935-380XXXX	PAGE 1 OF 4




(All dimensions are in mm)

Item	Specification	Range or Description	Comments
1.1	Li-ion Polymer Battery Cell	350mAh/ 3.7V	NM046-JHY701736P-1 Li-ion battery; See Annex A for details
1.2	Battery Life Cycle	10 charge-discharge cycles	One cycle involves charging to 4.2V, discharge 10s with 3A current, then stop 5s until the battery reaches 3V. Rest 30minutes before next cycle.
2.1	Full Charge Output Voltage without load	3.5V (± 0.1V)	N/A
2.2	Full Charge Output Voltage with load	N/A	N/A

	DOCUMENT NO:	SPEC- LX3935-380XXXX	VER:	1.1
	POCHÉ			EFFECTIVE DATE:
APPROVAL:	ECO-236	Jupiter PN(s):	LX3935-380XXXX	PAGE 2 OF 4

Item	Specification	Range or Description	Comments
2.3	Pulse Width Modulation Duty Cycle	N/A	N/A
2.4	Cut-off Voltage	4.2V	N/A
2.5	Resistance	1.4 ± 0.15 Ω	Other options available upon request
3.1	Actuation	Breath Actuated	N/A
3.2	Actuation Indication	LED	See Annex C for user interface feature details
3.3	Draw Resistance/Suction	N/A	N/A
4.1	Charging Connection	Micro-USB	N/A
4.2	Battery Charger	The charging voltage is 5V; The charging current is more than or equal to 500mA	N/A
4.3	Battery Charge Indication	LED indication	See Annex C for user interface feature details
4.4	Low Battery Indication	$V_{CELL} < 3.3 \pm 0.1 V$	See Annex C for user interface feature details
4.5	Charging Time	Around 1.5 hours	The continuous charging current is about 250±50mA; cut-off voltage is 4.2V
5.1	Short-circuit Protection	Device shall not activate output with a load $< 0.4 \pm 0.2\Omega$	N/A
5.2	Over-usage protection	Output shall be de-energized if actuated continuously for 10 seconds	± 20 %; See annex B for user interface. Note: Custom times available from 1s – 10s in intervals of 0.5s (+/-20%).
6.1	Housing	ETP	PC ML-300, FDA-approved
6.2	Reservoir	ETP	PA12-CX9704, FDA-approved
6.3	Mouthpiece	ETP	Food-grade PCTG – Tritan TF1501HF
6.4	Atomizer shell/airway	Stainless Steel	316L SS, medical-grade


	DOCUMENT NO:	SPEC- LX3935-380XXXX	VER:	1.1
	POCHÉ			EFFECTIVE DATE: 7/14/2022
APPROVAL:	ECO-236	Jupiter PN(s):	LX3935-380XXXX	PAGE 3 OF 4

Item	Specification	Range or Description	Comments
6.5	Heating element	Nickel-Chromium (Nichrome)	N/A
6.6	Wick/Atomizer	Ceramic T28	N/A
6.7	Atomizer retaining wrap	Cellulose	N/A
6.8	Seals	Silicone	N/A
7.1	Operating Temperature & Humidity	<ul style="list-style-type: none"> ○ Charging Temperature: 10 °C to 45°C ○ Working Temperature: 0°C to 60 °C ○ Operating humidity: 35% to 70% 	N/A
7.2	Storage Temperature & Humidity	<ul style="list-style-type: none"> ○ Storage Temperature: 23 ± 5 °C ○ Storage Humidity: 35% to 70% 	N/A
8.1	Reservoir Volume	0.5ml	Reservoir volume with MP assembled not including atomizer volume
8.2	Atomizer Size	∅4.60*6.00mm	Reference only
8.3	Inlet Diameter Size	Standard 2.6mm ± 0.1mm; See Annex B for possible order variations	There are 2 inlet holes; Inlet diameter is customizable and various sizes can be chosen by the customer for use
9	Weight	19.5 ± 2g	Weight is for empty device excluding MP
10	Recommended Viscosity Range	1,000 - 700,000 cPs @ 25°C [77°F]	Recommended fluid viscosity range to be used with this platform
11	Number of Expected Activations	N/A	N/A

A. Attached Specifications

A.1. Poche battery spec (.pdf)

B. Part Number Legend

	DOCUMENT NO:	SPEC- LX3935-380XXXX	VER:	1.1
	POCHÉ			EFFECTIVE DATE:
APPROVAL:	ECO-236	Jupiter PN(s):	LX3935-380XXXX	PAGE 4 OF 4

Part Number – LX3935-380XXXX-YYY-ZZZ		
<ul style="list-style-type: none"> • ZZZ -> Fluid Inlet Dia. <ul style="list-style-type: none"> ○ 002 for 2.0mm ○ 026 for 2.6mm ○ 015 for 1.5mm 	<ul style="list-style-type: none"> • YYY -> Resistance <ul style="list-style-type: none"> ○ 009 for 9W (1.4 Ω) ○ 008 for 8W (1.5 Ω) ○ 007 for 7W (1.7 Ω) ○ 016 for 6W (1.9 Ω) 	<ul style="list-style-type: none"> • Mouthpiece: LX9000-380XXXX-023

*XXX digits denote product branding

C. User Interface/ features

Status indication is provided to the user through LED activations.

C.1. On activation, the LED will turn on gradually and will turn off slowly on de-activation.

C.2. Battery charge Indication:

C.2.1. When the device gets plugged into the charger, the LED will stay on as long as the battery is charging.

C.2.2. When the device battery is completely charged, LED blinks 20 times and turns-off.

C.2.3. If the device is unplugged from the charger, LED blinks 3 times and then turns-off.

C.2.4. When the battery level is low (less than 3.3V \pm 0.1V), the LED flashes 10 times and turns-off.

C.3. Over-vaping indication: Any activation greater than 10s (\pm 2s), the power will cut off and the LED flashes 2 times and turns-off.

C.4. Short-circuit protection: When the resistance of loading less than 0.4Ω (\pm 0.2), power will turn off. The LED shines for 2s and turns-off.