

Safety Data Sheet

Specification:

Name: Ion Lite Torch

Model: TC-Lte

Size: 12X6X15.7CM

Weight: 0.9 lbs / 206 g

Consumption of gas: 0.5KW

Maximum firepower: 1300°C / 2372°F

Ignition method: automatic piezo electric ignition

Injector diameter: 0.2 MM

Type of gas: Butane

This appliance may be used with cartridges marked “Butane” complying with EN 417

Made by United Brands, Inc., 170 Associated Rd.. S. San Francisco, CA 94080 Tel: 800-500-0583



Direction of Use:

- 1.Ignition: push up the child resistance lock, press the trigger and it lights by electronic device.
- 2.Continuation: when the flame is burning, turn the trigger in clockwise to keep the flame burning.
- 3.Adjustment: push the adjustable lever to control the flame between the big flame (+) and the small flame (-).

4.Extinguishment: Turns off flame once the trigger released. When the flame is burning, turn the trigger in counter-clockwise, then the trigger released and the flame is extinguished. Meanwhile, the automatic safety lock will bound down automatically and lock the torch.

Approximate operating time per filling, over 15 minutes.

Care and Use instructions:

Warning: READ ALL CARE AND USE INSTRUCTIONS THOROUGHLY BEFORE USING THE TORCH AND RETAIN FOR FUTURE USE.

To clean, ensure torch is in the flame lock “off” position and cool to touch, wipe main body and stand with damp cloth and dry immediately.

Advice on how to store the appliance when it is not in use: Slide the safety lock to the lock position and place it in a cool and ventilated place.

Filling instructions: first turn the torch upside down and push the butane gas cartridge vertically to the charging valve for 3-5 seconds. After filling, stand for 3 minutes to ensure gas stability.

CAUTION: EXTREMELY HOT FLAME

1. Accessible parts may become very hot. Keep young children away from the torch.
2. Butane gas is extremely flammable, please handle with care.
3. Always point away from face and body when igniting or operating torch. The flame may be difficult to see, so work with care.
4. DO NOT touch flame guard/nozzle during or after using with hands or any other combustible materials, until nozzle has cooled.
5. DO NOT use torch continually for longer than one hour.
6. Do not leave lit kitchen burner unattended.
7. Make sure the that the “adjustment flow” is firmly closed and the flame is completely extinguished after use.
8. Allow torch to cool before storing.
9. DO NOT store under direct sunlight or in any area where temperature exceeds 40°C/104°F.
10. Torch may not ignite if temperature is too cold or insufficient oxygen is available.
11. Never puncture or put in fire. Do not disassemble torch.
12. Do not use the torch if it has damaged or worn seals
13. Do not use a torch that is leaking, damaged or that does not operate properly.

14.If there is a leak on your torch (smell of gas), take it outside immediately into a well ventilated flame free location where the leak may be detected and stopped. If you wish to check for leaks on your torch do it outside. Do not try to detect leaks using a flame, use soapy water.

15.Do not modify the torch.

16.Use only in a well ventilated area.

17.Check that seals (between the appliance and the gas cartridge) are in place and in good condition before connecting to the gas cartridge

18.The appliance shall be used away from flammable materials and keep minimum distances 50 CM from adjacent surfaces (wall, ceiling)

19.This appliance may be used with cartridges marked “Butane” complying with EN 417. It may be hazardous to attempt to fit other types of gas.

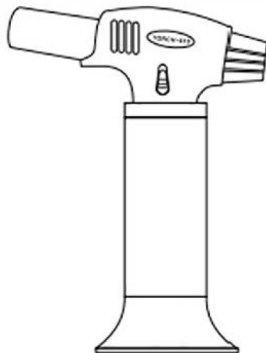
20.The gas cartridge shall be filled in a well ventilated location, preferably outside, away from any sources of ignition, such as flames, pilots, electric fires and away from other people.

21.Important: Read these instructions for use carefully so as to familiarize yourself with the appliance before connecting it to its gas cartridge or gas cylinder. Keep these instructions for future reference.

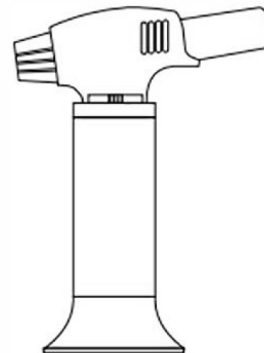
22.Ensure the supply of combustion air.

23.Avoid the dangerous building up of un-burnt gases.

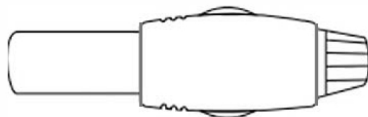
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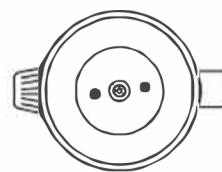
BACK DRAWING



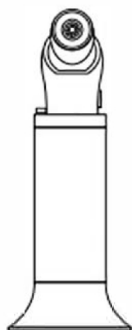
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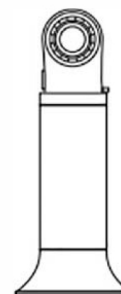
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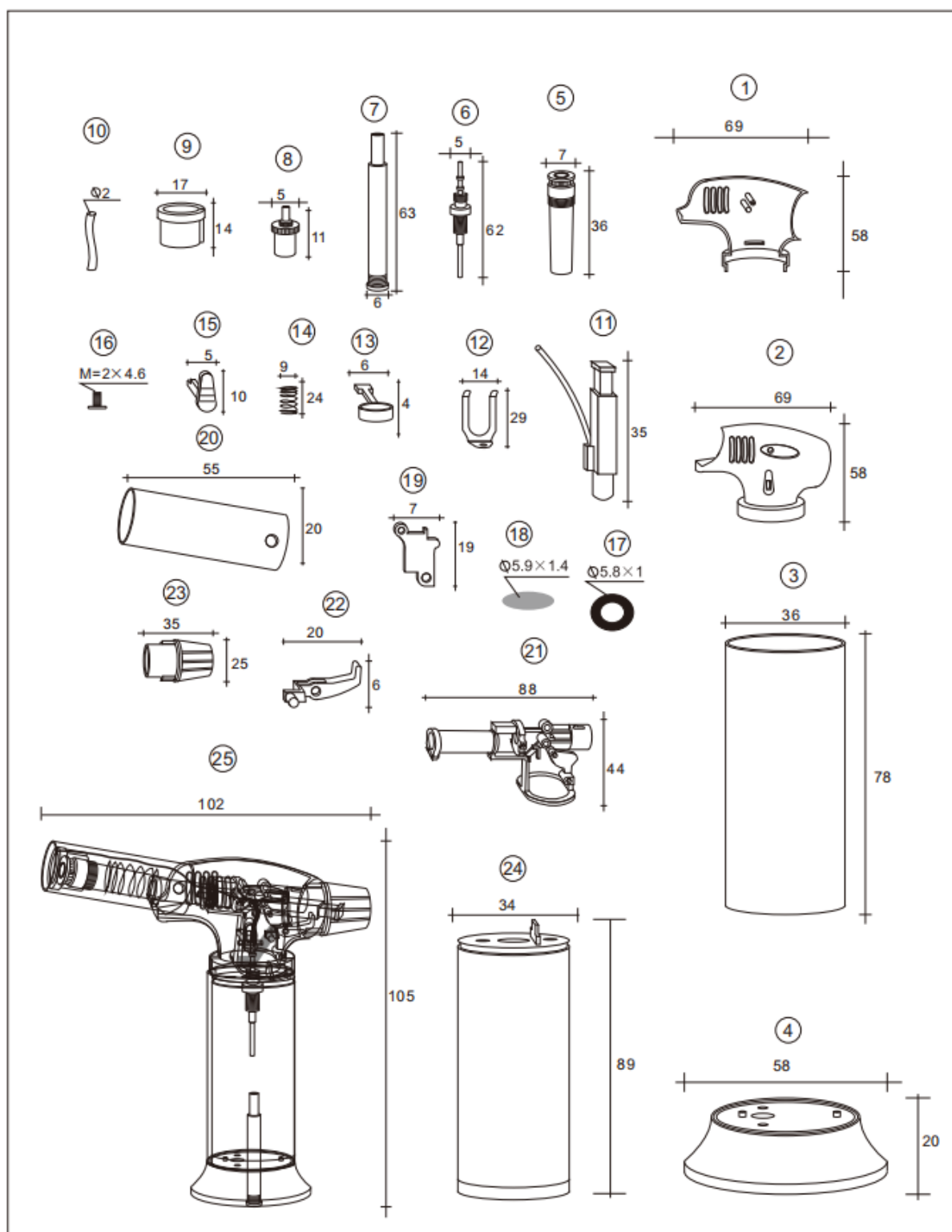
LEFT DRAWING



RIGHT DRAWING

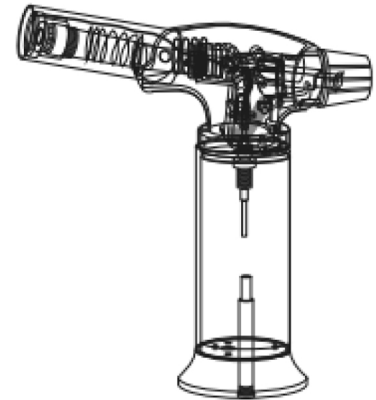


FACADE DRAWING

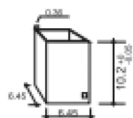
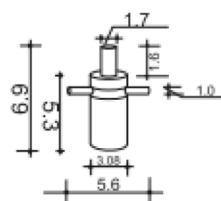
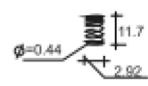

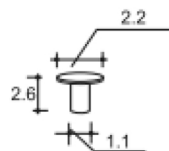
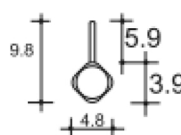
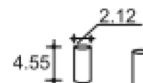
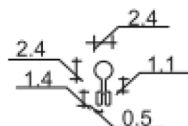
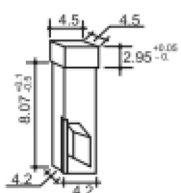

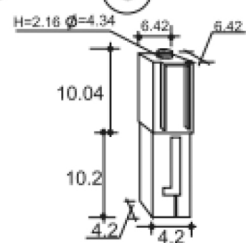
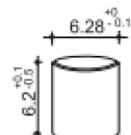
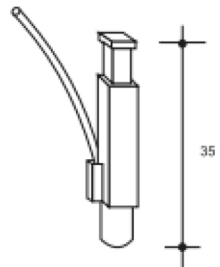
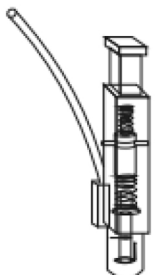


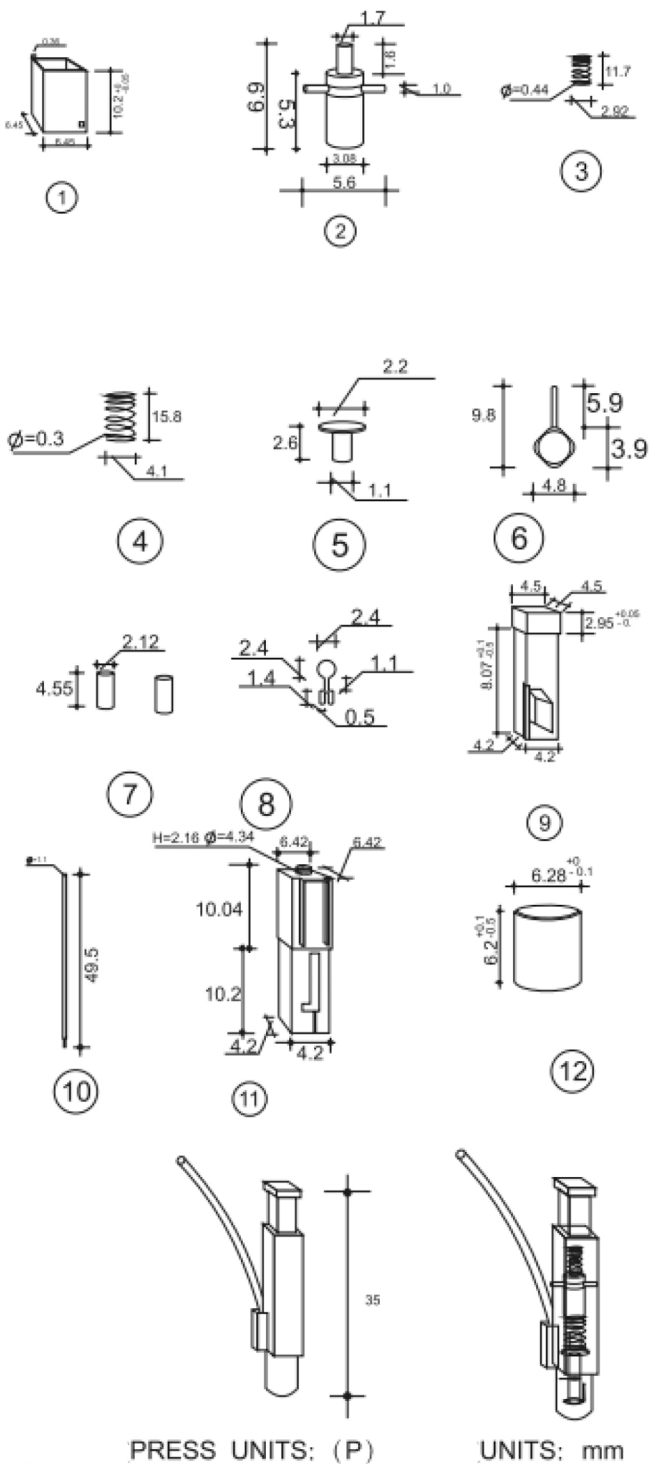
PART DRAWING

NO.	NAME	WEIGHT g	SPECS mm
1	CASING	8.9 ± 0.01	69x58
2	CASING	8.5 ± 0.01	69x58
3	CASING	12 ± 0.01	36x78
4	BOTTOM SEAT	11.8 ± 0.01	58x20
5	IGNITION PAGODA	5.4 ± 0.01	7x36
6	AIR-OUTLET ASSEMBLY	3.6 ± 0.01	5x62
7	AIR-ENTERASSEMBLY	2.6 ± 0.01	3x63
8	IGNITION WHEEL	1.2 ± 0.01	5x11
9	MAGNETIC CUP	5.6 ± 0.01	17x14
10	HOSE	0.05 ± 0.01	$\varnothing 2$
11	ELECTRONICS ASSEMBLY	2.9 ± 0.2	35
12	SEESAW	1.8 ± 0.01	14x29
13	SWITCH	0.8 ± 0.01	6x4
14	SPRING	1.5 ± 0.01	5x34
15	SWITCH	3.5 ± 0.01	5x10
16	FASTENING SCREW	0.6 ± 0.01	M=2×4.6
17	OBTURATOR OUTFIT	0.04 ± 0.01	$\varnothing 5.8 \times 1$ $\varnothing 4 \times 2 \times 1$ $\varnothing 4 \times 1$
18	PILLOW	0.06 ± 0.01	$\varnothing 5.9 \times 1.4$
19	PLASTIC FITTINGS	2.3 ± 0.01	7x19
20	CANNULA	15 ± 0.01	55x20
21	CASING	20 ± 0.01	88x44
22	ORIENTATION FITTINGS	1.8 ± 0.01	20x6
23	ELECTRONICS	6.3 ± 0.01	35x55
24	GAS BOX	56 ± 0.01	34x89
25	GROSS MACHINE	172.25 ± 0.6	102x58x105
26	GAS	0.6 ± 0.1	

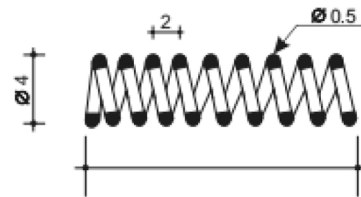


PART LIST

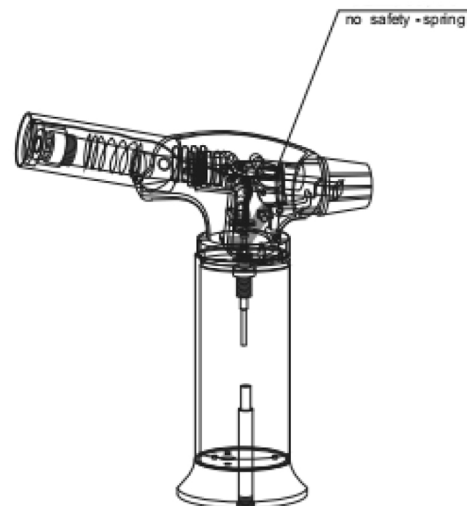
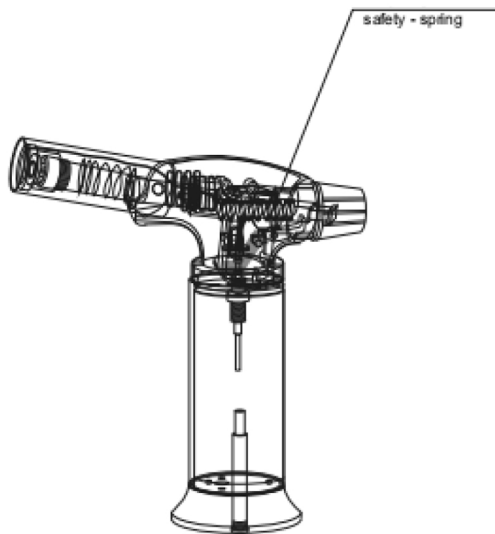
						
				①	②	③
NO.	NAME	SIZE	PRESS			
1	PLASTIC SERIES					
2	HITTING IRONWORK					
3	PRESSURE SPRING		6P			
4	RECOVERY PLACE SPRING		1P			
5	HITTING HEAD RIVET					
6	CONNECTION LAND SHEET					
7	PRODUCE ELECTRICITY POTTERY					
8	CONNECTION WIRE SHEET					
9	BUTTON					
10	IGNITION WIRE					
11	ELECTRONIC SEAT					
12	COPPER CAP					
						
				④	⑤	⑥
						
				⑦	⑧	⑨
						
				⑩	⑪	⑫
						



PRESS UNITS: (P) UNITS: mm



Safety - spring:
Material: Carbon - steel- wire.
Drawing Scale:2:1



TECHNOLOGY STATEMENT:

- 1、 There is not a safety - spring in the right - drawing. All resistance of lighter - operated is 1.5KG(3.31b), provided only by ignition - spring.
- 2、 There is an additional safety - spring in the left-drawing. To press this spring 5mm, the resistance strength is 2.5kg(5.51b). plus the ignition spring 1.5KG(3.31), the resistance is 4.0KG(8.811b). Additional, plus the friction 0.15-0.3KG(0.3-0.6b), so the total resistance is 4.1-4.3KG(10-10.5b). (Children younger than 72 months are hardly able to operate the lighter which resistance is 4.1 -4.3KG)