Safety Data Sheet Specifications:

Name: Neo Torch

Model: TC-Neo

Size: 11.7x5.9x15.4cm

Weight: 1.2 lbs / 195 g

Consumption of gas: 0.4KW

Maximum firepower: 1300°C / 2372°F

Ignition method: automatic piezoelectric ignition

Type of gas: Butane

Cartridges marked “Butane” complying with EN417. It may be hazardous to attempt to fit other types of gas.

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

Model	TC-Neo
Gas type	Butane
Supply Pressure (bar)	Direct pressure butane
Nominal heat input(kW) (Hs)	0.4
Fuel consumption(g/h)	29
Ignition device	Piezo ignition

Injector：0.19mm，marked 0.19

Direction of Use:

1.Please read all instructions and warnings before using the gas torch.

2.To fill gas tank. Turn unit upside down and firmly push the butane can into the filling valve. The tank should be filled in 5 seconds. Please allow a few minutes after filling for the gas to stabilize.

3.To ignite the kitchen torch. Firstly, pull down the safety lock and ignite by pushing forward. Press and hold the ignition button, meanwhile push up the safety lock and continuous burning.

4.To shut off the kitchen torch. Pull down the safety lock to stop the burning.

5.Adjustment of flame: adjust height of flame, turn gas regulator lever to (+) or (-).

Approximate operating time per filling, over 15 minutes.

Care and Use instructions:

Warning: READ ALL CARE AND USE INSTURCTIONS THOROUGHLY BEFORE USING THE COOK kitchen burner, AND RETAIN FOR FUTURE USE.

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

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 torch unattended.

7.Make sure the that the “Flame Adjustment Lever” is firmly closed and the flame is completely extinguished after use.

8.DO 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.Appliances must be used in a well-ventilated location in accordance with national requirements.

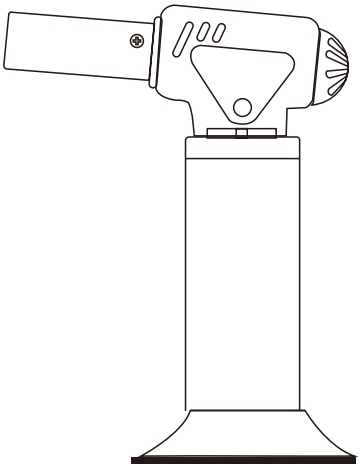
18.The appliance shall be operated on a flat surface, unless it is not intended to operate resting on a surface.

19.The appliance shall be used away from flammable materials and information on 20 CM from adjacent surfaces (wall, ceiling).

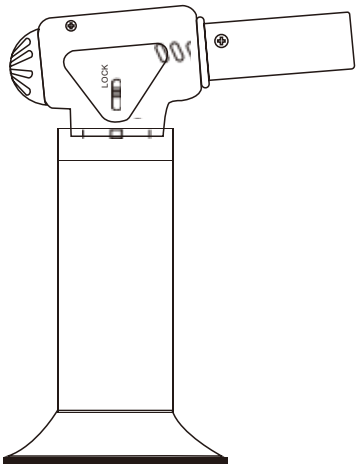
20.When filling the appliance shall be changed in a well-ventilated location, preferably outside, away from any sources of ignition, such as flames, pilots, electric fires and away from other people.

21.The use of gloves for barbecues. CAUTION: accessible parts may become very hot. Keep young children away from the appliance.

FRONT DRAWING



BACK DRAWING



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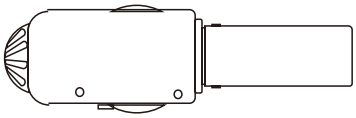
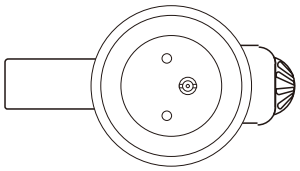
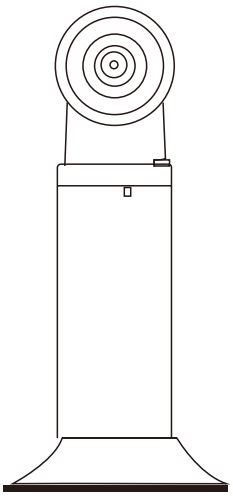
UP DRAWING



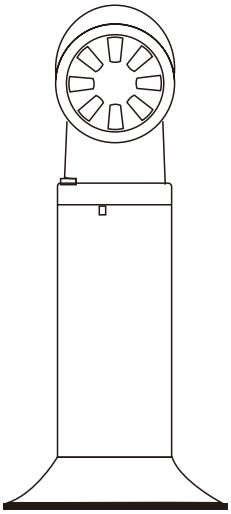
BOTTOM DRAWING



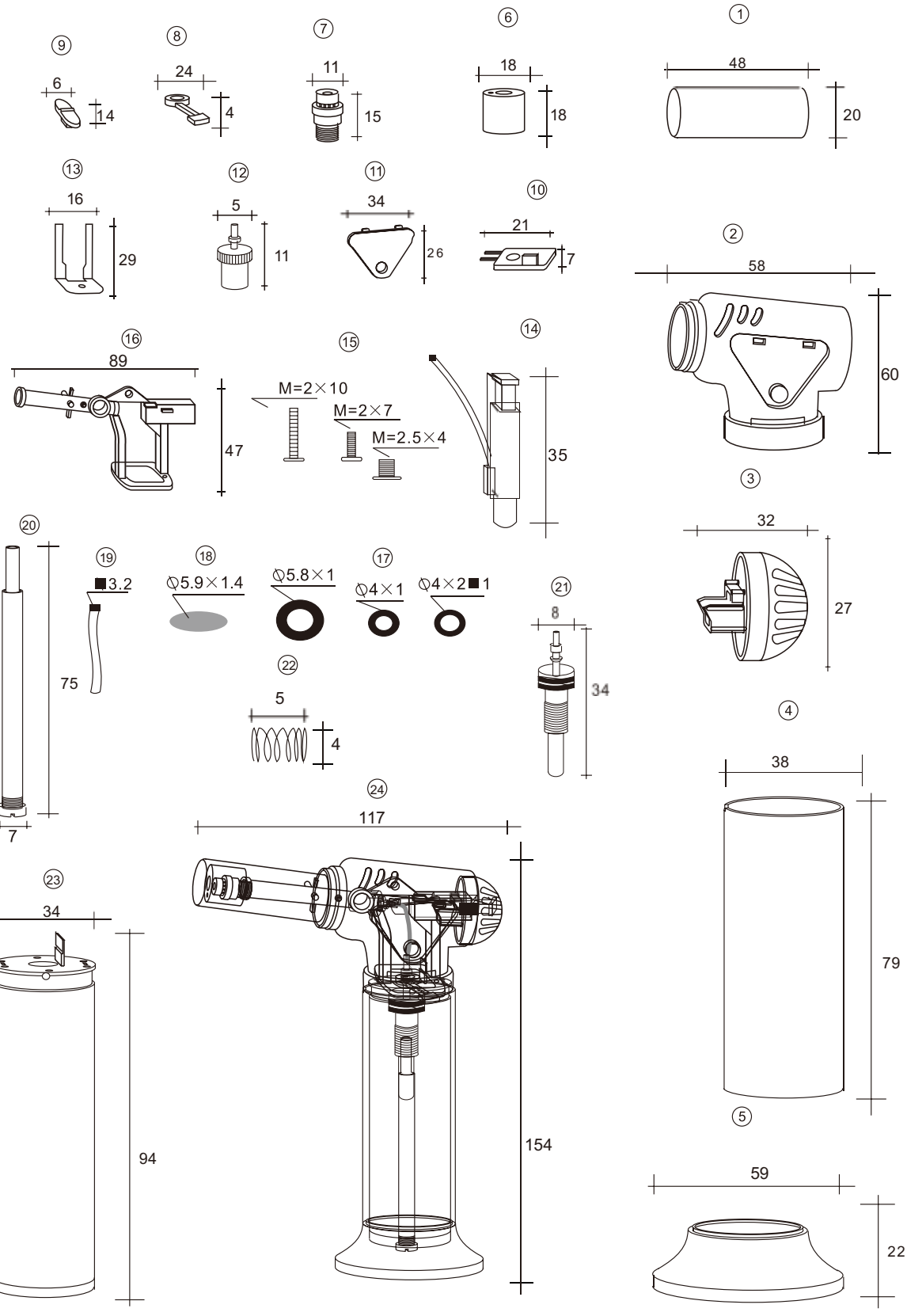
LEFT DRAWING



RIGHT DRAWING



facade drawing



						PART DRAWING
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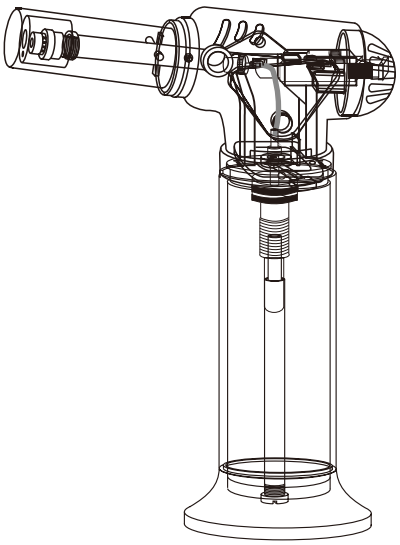
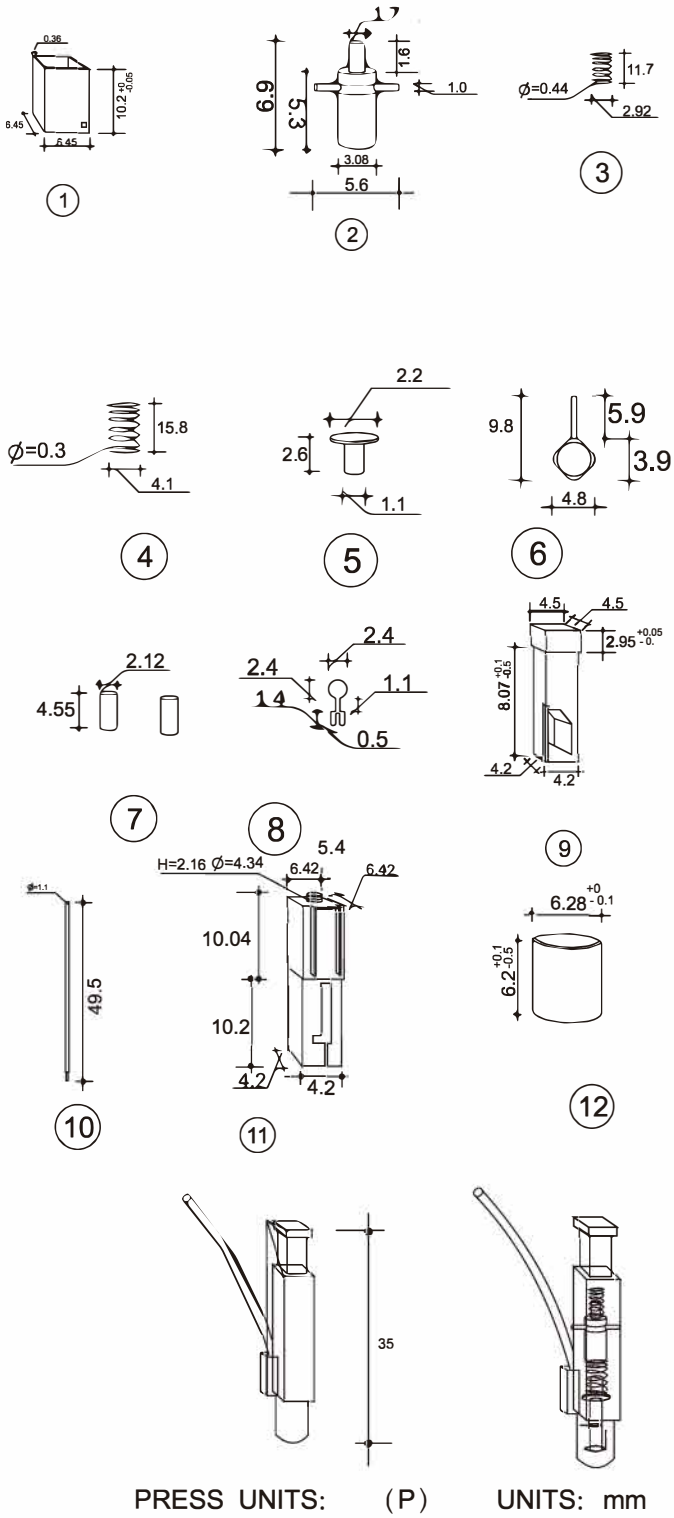
NO.	NAME	WEIGHT	SPECS
1	CASING	9.9±0.01	48×20
2	PLASTIC MESOSPHERE	18.2±0.01	58×60
3	ELECTRONICS	4.9±0.01	32×27
4	CASING	24.7±0.01	38×79
5	BOTTOM COVER	33.8±0.01	59×22
6	MAGNETIC CUP	10±0.01	18×18
7	IGNITION PAGODA	4.6±0.01	11×15
8	SWITCH	0.2±0.01	24×4
9	SWITCH	0.1 ±0.01	6×14
10	ORIENTATION PLASTIC	0.2±0.01	21 ×7
11	ORIENTATION PLASTIC	1.7±0.01	34×26
12	OUT GASS CONVERSION	0.7±0.01	5×11
13	SEESAW	2.1 ±0.01	16×29
14	ELECTRONICS ASSEMBLY	3.5±0.2	35
15	FASTENING SCREW	1.7±0.01	M=2×4.6
16	DIE-CASTING CASING	28.7±0.01	89×47
17	OBTURATOR OUTFIT	0.04±0.01	■5.8×1 ■4×2 ■1 ⦰4×1
18	PILLOW	0.06±0.01	⦰5.9×1.4
19	HOSE	0.05±0.01	⦰ 2
20	AIR-ENTER ASSEMBLY	3.5±0.01	7×75
21	AIR-OUTLET ASSEMBLY	2.5±0.01	8×34
22	SPRING	0.1 ±0.01	5×4
23	GAS BOX	50.3±0.01	34×94
24	GROSS MACHINE	220.4±0.6	117×59×154
25	GAS	0.6±0.1	



PART DRAWING

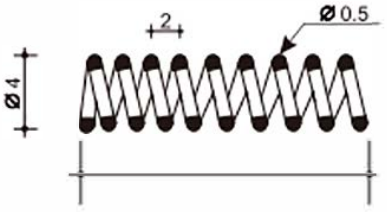
NO.	NAME	SIZE	PRESS
1	PLASTIC SERIES		
2	HITTING IRONWORK		
3	PRESSURE SPRING		6P
4	RECOVERY PLACE SPRING		1P
5	HITTING HEAD RIVET		
6	CONNECTION LAND SHEET		
7	PRODUCE ELECTRICITY POTTERY		
8	CONNECTION WIRE SHEET		
9	BUTTON		
10	IGNITION WIRE		
11	ELECTRONIC SEAT		
12	COPPER CAP		



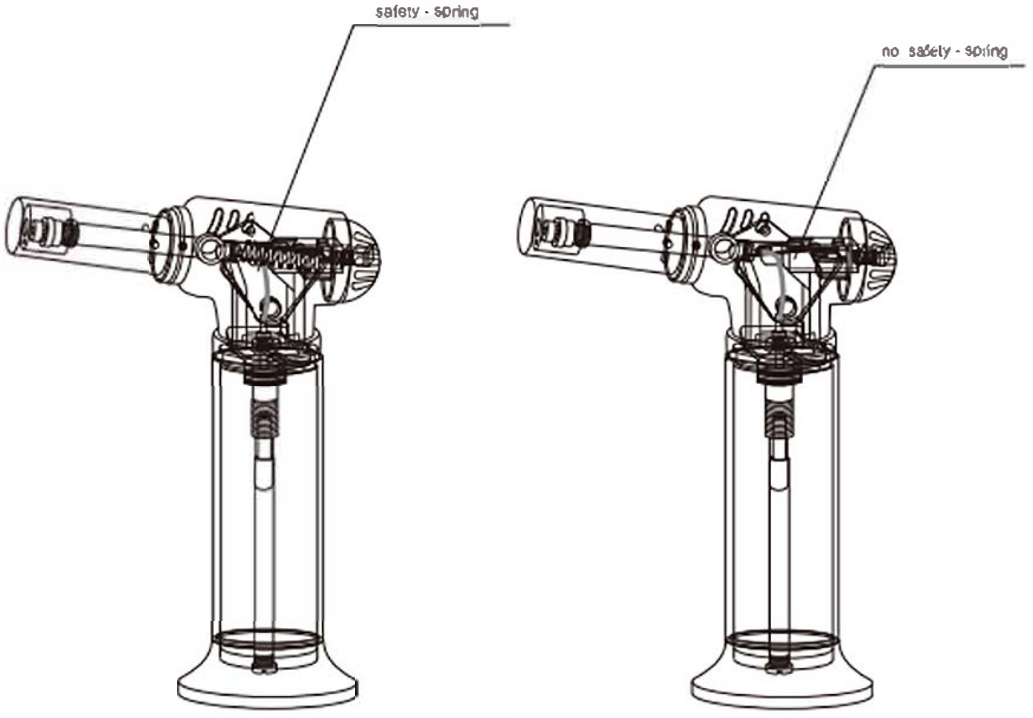
PRESS UNITS: (P) UNITS: mm

REMARKS	The total plunge force of the prototype is 10-10.5 pound. The force strenght provided by the pressure spring, recovey place spring and the rod protocal of the jumping sheep in the gas box. Plunger travel is 0.189Inches

ELECTRONIS ASSEMBLY
DECOMPOSE DESIGN



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 cnly by ignition - spring.

2、There is an additional safety - spring in the left-drawing.To press this spring 5mm,the resistance strength is 3.2kg(7.2b).plus the ignition spring 1.5KG(3.31),the resistance is 4.4KG(9.9b).Additional,plus the friction 0.15-0.3KG(0.3-0.6b),so the total resistance is 4.45-4.67KG(10-10.5b).(Children younger than 72 months are hardly able to operate the lighter which resistance is4.45- 4.67KG)

3、Plunger travel is 0.189Inches

						decompound drawing
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