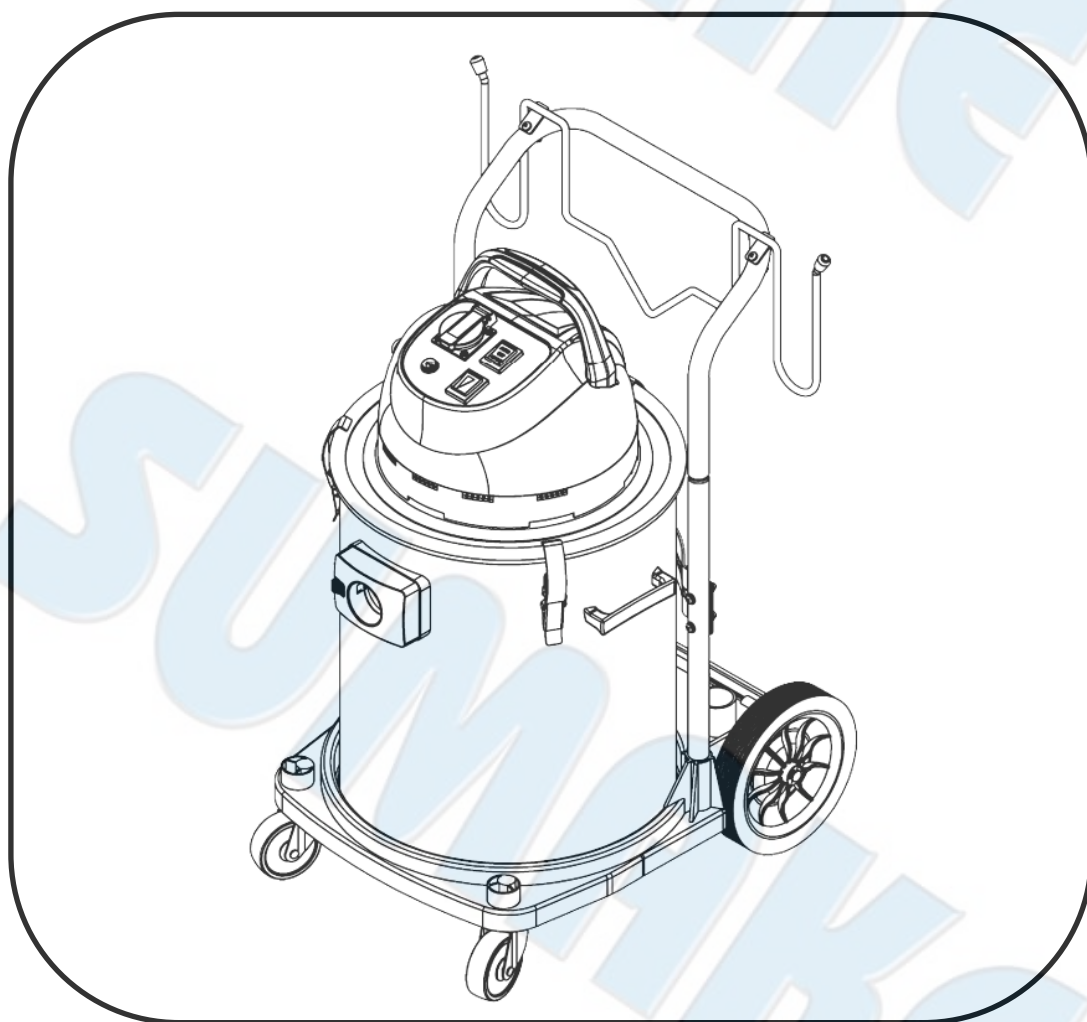


SUMAKE®

Professional & Industrial

INSTRUCTION MANUAL

ITEM NO.: EP-13401
40L VACUUM CLEANER
(FOR AIR & ELECTRIC TOOLS)



EP-13401-I-1612B-KD

1. Safety rules

For using safely, please read and understand "Safety Rules" carefully before using.

Please follow this "Safety Rules of the Operation Instruction" to ensure a safe and accident-free operation.

※ After reading this instruction, please keep it in an obviously place for reference.



Caution It will cause death or serious injury.



Notice It will cause injury for improper operations.

The meaning of symbol sign










This symbol is used to mark prohibition and please do not do it.



This symbol is used to mark instruction and must follow it.






















CAUTION

 <ul style="list-style-type: none"> ● Please disassemble, repair or reconstruct this machine by qualified technical personnel to prevent any unusual work and injury. 	 <ul style="list-style-type: none"> ● Please don't pick up the below materials by the machine to avoid fire, explosion or injury. ⊙ Explosive power: Aluminum (Al), Magnesium (Mg), Titanium (Ti) and Zinc (Zn) etc. ⊙ Flammable material: Gasoline, organic solvent, benzene, lamp-oil and paint etc; Chemistry material; Oil and medicine etc. ⊙ Hot material: campfire ashes and cigarette butt etc; the power with spark: High-speed cutting machine, grinding wheel and welding machine etc.
 <ul style="list-style-type: none"> ● Do not wipe or pour oil or water into the machine. Moisture entering the product will cause electric shock or wire short. 	 <ul style="list-style-type: none"> ● Never operate the product near the explosive, flammable materials such as lamp-oil, gasoline, organic solvent, benzene and paint to avoid fire, explosion or injury.
 <ul style="list-style-type: none"> ● Please disconnect the power source before safety checking or cleaning to prevent electric shock or injury. 	 <ul style="list-style-type: none"> ● Keep children away from the product to avoid injury.
 <ul style="list-style-type: none"> ● Never use damaged power plug. Damaged plug would result electric shock, wire short and fire. 	



NOTICE

 <ul style="list-style-type: none">● Do not use the machine in high temperature environment.	 <ul style="list-style-type: none">● If pick up asbestos dust, it is recommended to install the micro-filtration. Otherwise, the dust will be sucked into the motor and cause breakdown.
 <ul style="list-style-type: none">● Stop operating when the inlet and exhaust hole are blocked. Otherwise the machine will be deformed by overheat.	 <ul style="list-style-type: none">● Please empty the dust box when the bubbles or water drops spurt from the exhaust hole. Please turn on the motor without any loading to dry the filter completely at this situation.
 <ul style="list-style-type: none">● Please turn off the power and disconnect the plug while installation or maintenance to avoid electric shock and injury.	 <ul style="list-style-type: none">● Do not pull the wire to loosen the plug from the outlet. Otherwise, it may cause fire due to short circuit.
 <ul style="list-style-type: none">● Please take off the plug from the socket when the machine doesn't operate to prevent electric leakage, electric shock or fire.	 <ul style="list-style-type: none">● Please do not bend, trample on the wire. Also, do not pull it suddenly to cause damage.
 <ul style="list-style-type: none">● Please do not overload the standard voltage when using the generator to avoid electric shock, short circuit and fire.	 <ul style="list-style-type: none">● Please do not bend or pull the plastic tube. Also, do not trample on and put heavy objects on it to prevent damage and deformation.
 <ul style="list-style-type: none">● Please install the filtration system and filter before using. Otherwise, it will cause the motor breakdown.	 <ul style="list-style-type: none">● Do not touch the plug, power or wire with wet hands to prevent electric shock.
 <ul style="list-style-type: none">● Please keep the machine away from fire and heat to reduce the risk of fire and wire short.	 <ul style="list-style-type: none">● The life time of the filtration system is depends on the frequency and condition of using. The life time for machine using in dry conditions is about 1 year and in wet conditions is about half year. Please change the filter regularly.
 <ul style="list-style-type: none">● Please do not use the machine in high temperature environment. It will cause damage, electric shock and fire. Please use this machine under 80% humidity.	
 <ul style="list-style-type: none">● Please do not keep the sewage and debris in the tank for long time to prevent the odour.	 <ul style="list-style-type: none">● Hot air will exhaust from the cooling system which at the top of the machine for normal operation.
 <ul style="list-style-type: none">● Please do not pick up too much dust to cause block of the dust box or motor breakdown.	 <ul style="list-style-type: none">● When operate the machine under dry environment (especially in winter), static electricity may be occurred at the frame and part of the machine. Please notice.

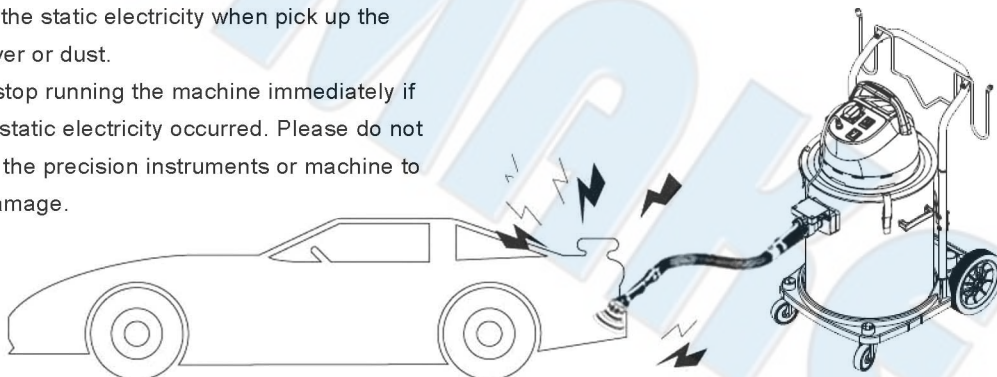
2. Additional safety rules

To use the Dry Vacuum Cleaner safely, besides of the Safety rules of the Operation Instruction, please pay attention to the following:

A

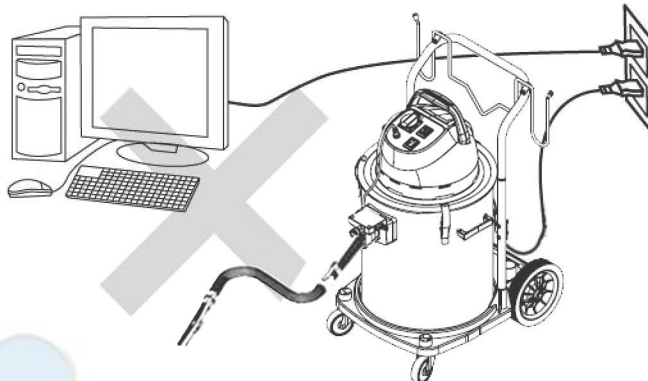
Beware the static electricity when pick up the iron power or dust.

Please stop running the machine immediately if there is static electricity occurred. Please do not close to the precision instruments or machine to avoid damage.



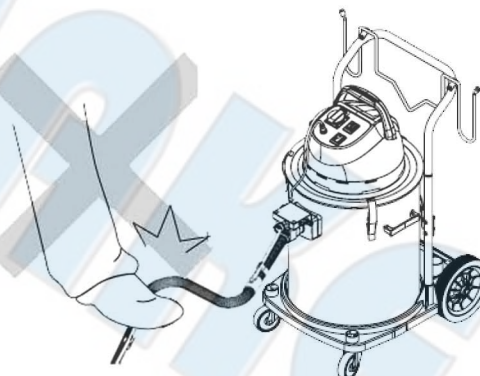
B

Please do not use the same socket with OA machine. The generated attack voltage during switching on/ off will cause OA machines damage.



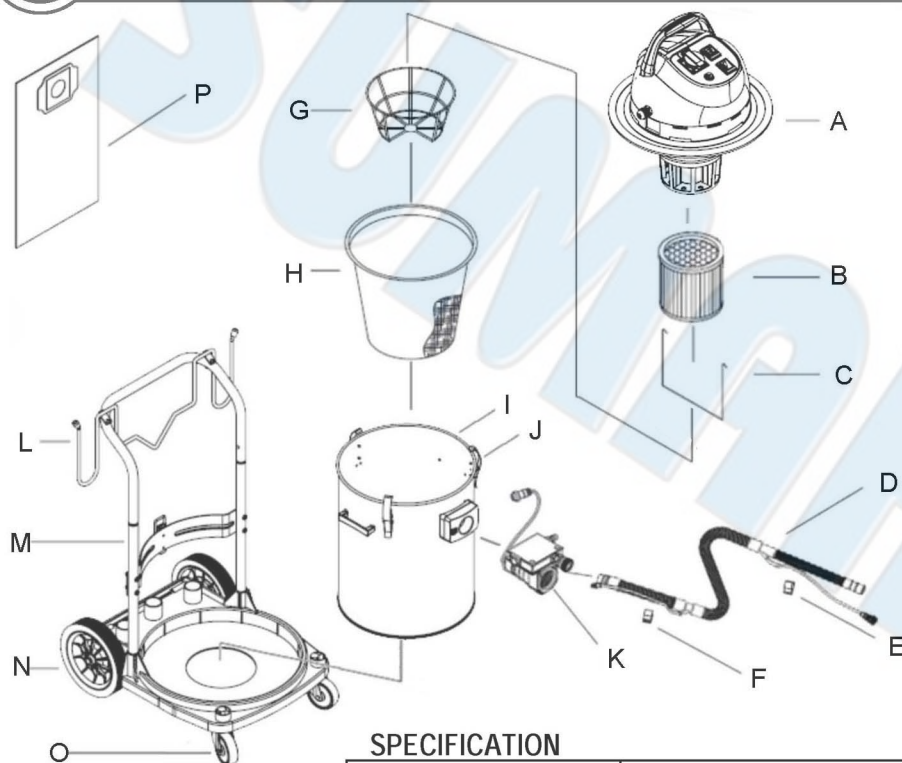
C

Avoid to twist, bend, trample on, pull, forced the hose and unusual storage to make it out of shape and cause damage.



3. Parts name

EP-13401

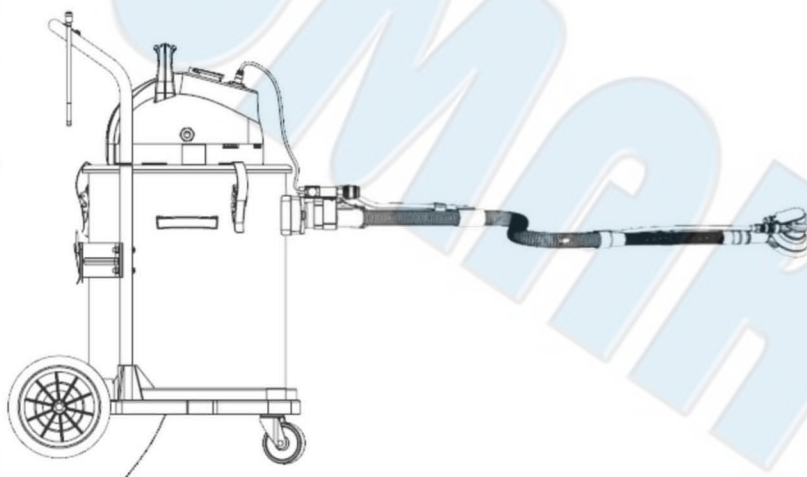


SPECIFICATION

Drum Capacity	40L
Consumption	1100W
Voltage	■ 220V / 50Hz ; □ 220V / 60Hz
Max Vacuum	2200mm H ₂ O
Measurement	562 x 500 x 810mm
Air Flow	2.6 m ³ /min
Net Weight	18.16 kg

No.	Description
A	Host Head
B	Paper Filter
C	Paper Filter Holder
D	Hose
E	Hose Clasp (Small)
F	Hose Clasp (Big)
G	Cloth Filter Frame
H	Cloth Filter
I	Tank
J	Tank Hook
K	Pneumatic Tool-Tirgger Module
L	Hose Frame
M	Tool Cart
N	Wheel 7.5"
O	Wheel 3"
P	Paper Bag

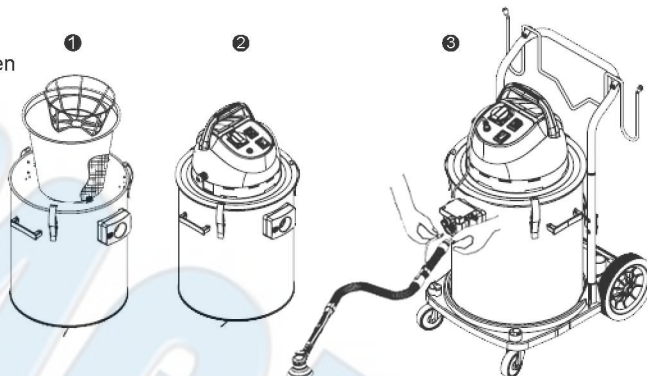
4. Use dispose



5. Operation instruction

1 PREPARATION

- ① Please put the cloth filter into the tank, and then turn the gap of frame in the direction of the vacuum inlet. Notice they have to be closed without any space.
- ② And then put the head unit the filter, and cover it on the tank, hooking up the side clips after pressing closely.
- ③ After insert 2 in 1 Suction hose into the pneumatic tool- trigger module of Control switch, and make sure they are tight, turn on the Vacuum. then turn on the Vacuum.



2 OPERATION INTERFACE INSTRUCTION



A POWER SWITCH:

Switch at "AUTO" position, the vacuum to start control of the pneumatic tool or Power tool.
Switch at "OFF" position can turn off the Vacuum.
Switch at "MANU" position can turn on the Vacuum.



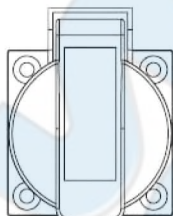
B SUCTION POWER CONTROL:

Press the switch will speed up, press it for 3 seconds to get the highest speed.
Press the switch will slow down, press it for 3 seconds to get the lowest speed.



B SUCTION POWER CONTROL:

Turn right the switch will speed up.
Turn left the switch will speed up.



C THE SOCKET OF POWER TOOL:

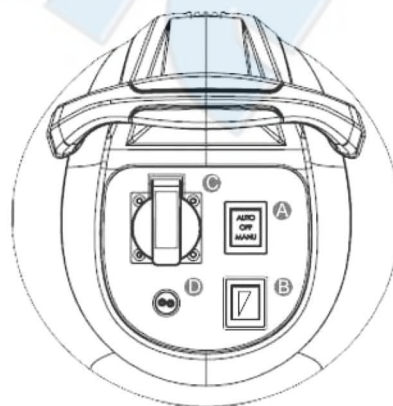
When turn the switch to "AUTO" position, the power tool using the plug can control the ON/OFF of Vacuum.

Note: the power of power tool can't be over 1000W, it will be overload and cause fire.



D PNEUMATIC TOOL- TRIGGER MODULE CONNECTOR:

The connector of connecting pneumatic tool- trigger module.
please make sure the induction line plugged and locked when switch at "AUTO" position.



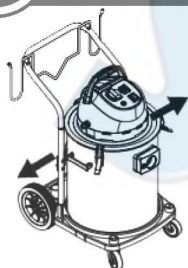
3 OPERATION MODE INSTRUCTION

- Turn the switch to "AUTO" position, the Vacuum cleaner is automatically started and stopped when the pneumatic tool or power tool turned on and off. **A**
- Turn the switch to "MANU" position, the Vacuum motor will start immediately and will stay on as long as the switch is at this position. **A**

Safety Rules:

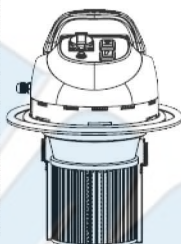
- When turn the switch to "AUTO" position, the Vacuum cleaner will delay start about 3 seconds the will run for 1.5 seconds and then stop. It means the Vacuum cleaner is turn on.
- When turn the switch to "MANU" position, the Vacuum cleaner will delay start about 3 seconds and then run continuously.
- When finish working with Vacuum Cleaner, please turn the AUTO- MANU switch at the OFF position.
- If off the tool, the Vacuum cleaner will stop after running 5-10 sec.

6. Removing sewage and debris



Notice

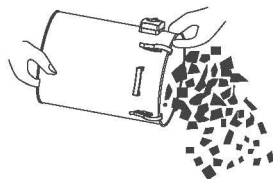
Please turn off and disconnect the plug and release the side clips.



Remove the head unit and store in a proper place to prevent contamination and damage.



Please make sure to slightly shake the Cloth Filter for removing the debris before take out the filter from the tank.



Please empty the collected dust and debris separately accordance with legal regulations.



- Cloth filter- water washable.
 - paper filter- available to use soft brush for periodically cleaning.
- ※ In a regularly maintenance, we would suggest you to replace cloth filter, paper filter periodically per 3 months. Please also replace it according to exact using situation.

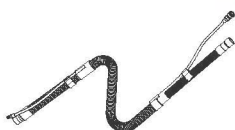
7. Convenient error resolution and maintain

PROBLEM	CHECK	SUGGESION
Motor does not operate	Plug	The plug maybe loosen and please connect the socket again.
	Carbon brush exhausted	Please contact our service center.
	Temperature Control	The Electronic Thermal Protection Device worked automatically when the motor was overheated up to 125 degree. After a complete 10~20 minute cool down period has passed, the Electronic Thermal Protection Device will RE- SET automatically.
Cleaner fails to pick up	Hose	Maybe the hose or extension wands didn't fit completely. please refit it.
	Inside of tank	Please check if the tank is full and empty it.
	Filter	Please check the filter and filtration system and clean it.

- Check: Please check the parts or accessories shown as the photos (Hose, wire filter rack and filter) if need to reolace.
- If the power cord is damage, please requests profession and technical personnel to replace it.

- Maintenance and Lubrication:
 1. The motor has the bearing without any lubrication.
 2. Please lubricate the bearing at the front machine rack by 1-2 drops of grase.
 3. To clean the plastic cover with the Car wax to keep the machine shining forever.

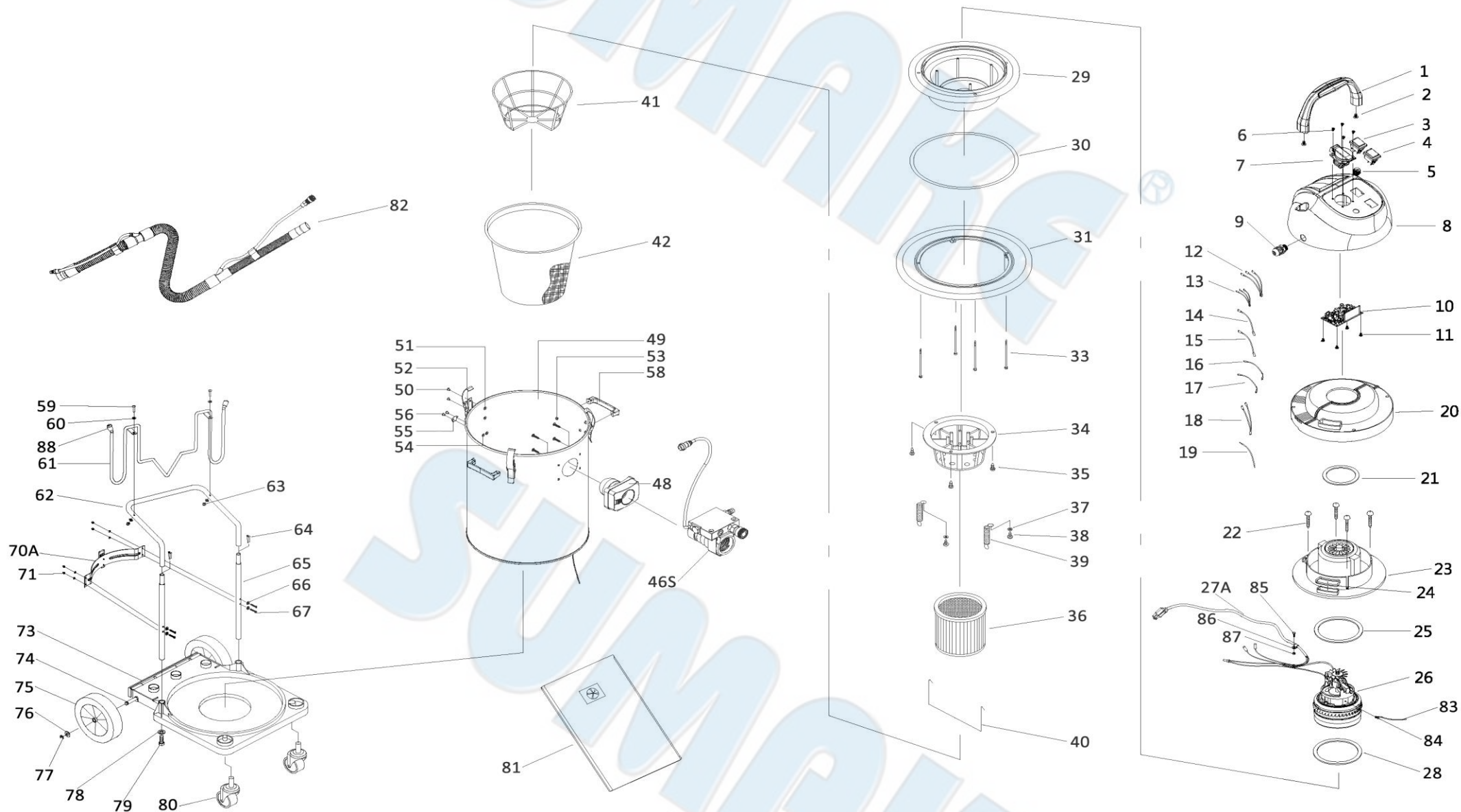
8. Expendables



- CLOTH FILTER
- PAPER FILTER
- HOSE
- MOTOR
- WHEEL 7.5"
- WHEEL 3"
- PAPER BAG

EP-13401

40L VACUUM CLEANER (FOR AIR & ELECTRIC TOOLS)



EP-13401

40L VACUUM CLEANER (FOR AIR & ELECTRIC TOOLS)

PARTS LIST

No.	Parts No.	Description	Q'ty
1	EP13401-01	Handle	1
2	EP13401-02	Screw (3/16*1)	2
3	EP13401-03	Switch	1
4	EP13401-04	Switch	1
5	EP13401-05	Receptacle Plug	1
6	EP13401-06	Screw (M4*12)	4
7A	EP13401-07A	Socket With Cover	1
8	EP13401-08	Head Cover	1
9	EP13401-09	Cord Guard	1
10	EP13401-10	Control IC	1
11	EP13401-11	Screw (5/32*3/8)	4
12	EP13401-12	Control IC Switch Cord	1
13	EP13401-13	Control IC Switch Cord	1
14	EP13401-14	Cord	1
15	EP13401-15	Cord	1
16	EP13401-16	Cord	1
17	EP13401-17	Cord	1
18	EP13401-18	Cord	1
19	EP13401-19	Cord	1
20	EP13401-20	Silence Cover	1
21	EP13401-21	Guard Cover Sealing	1
22	EP13401-22	Screw (5/32*1-1/2)	4
23	EP13401-23	Guard Cover	1
24	EP13401-24	Outlet Sealing	1
25	EP13401-25	5mm Motor Gasket	1
26	EP13401-26	Motor	1
27A	EP13401-27A	Cord	1
28	EP13401-28	3mm Motor Gasket	1
29	EP13401-29	Motor Seat	1
30	EP13401-30	Plastic Sealing	1
31	EP13401-31	Tank Cover	1
33	EP13401-33	Screw (4*68)	4
34	EP13401-34	Float Seat	1
35	EP13401-35	Screw (5/32*1/2)	3
36	EP13401-36	Paper Filter	1
37	EP13401-37	Washer (5*10*1)	2
38	EP13401-38	Screw (5/32*3/8)	2
39	EP13401-39	Stainless Spring	2
40	EP13401-40	Paper Filter Holder	1
41	EP13401-41	Cloth Filter Frame	1

No.	Parts No.	Description	Q'ty
42	EP13401-42	Cloth Filter	1
46A	EP13401-46A	Automatic unit for Pneumatic tools- Single Hose use only	1
48	EP13401-48	Inlet	1
49	EP13401-49	10GL Stainless Tank	1
50	EP13401-50	Screw (8.5*4.8*6.5)	6
51	EP13401-51	Washer (5*10*1.0)	6
52	EP13401-52	Tank Holder	3
53	EP13401-53	Screw (3/16*1)	4
54	EP13401-54	Screw (3/16*1/2)	2
55	EP13401-55	Clasp	1
56	EP13401-56	Screw (8.5*4.8*6.5)	2
58	EP13401-58	Tank's Handle	2
59	EP13401-59	Screw (5*30)	2
60	EP13401-60	Washer (5*12*1.0)	4
61	EP13401-61	Hose Basket	1
62	EP13401-62	Push Cart Handle	1
63	EP13401-63	Closed End Nut (5*6)	2
64	EP13401-64	Spring	2
65	EP13401-65	Trolley Brace-R	1
66	EP13401-66	Washer (5*10*1)	8
67	EP13401-67	Screw (5*30)	4
70A	EP13401-70A	Tank Stable	1
71	EP13401-71	Closed End Nut (5*6)	4
72	EP13401-72	Trolley Brace-L	1
73	EP13401-73	Trolley Seat	1
74	EP13401-74	Stick (13*403)	1
75	EP13401-75	Wheel 7.5"	2
76	EP13401-76	Washer (1/2*23*2.0)	2
77	EP13401-77	E9 Ring	2
78	EP13401-78	Washer (3/8*25*2)	2
79	EP13401-79	Screw (3/8*3/4)	2
80	EP13401-80	Wheel 3"	2
81	EP13401-81	Collector Paper Bag	1
82	EP13401-82	5M Hose Ass'y	1
83	EP13401-83	Motor Ground Wire	1
84	EP13401-84	Screw (M4*8)	1
85	EP13401-85	Screw BH (5*16)	1
86	EP13401-86	Cord Fixed Buckle	1
87	EP13401-87	Nut M5	1
88	EP13401-88	Cover	1

EU Declaration of Conformity (DOC)

We: **SUMAKE INDUSTRIAL CO., LTD.**

4F, No. 351, Yangguang St., Neihu District, Taipei City, Taiwan

declare in sole responsibility that the equipment

Equipment : **VACUUM CLEANER**

Model/ Serial No. : **EP-13401**

The object of the declaration described above is in conformity with the relevant union harmonization legislation:

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility 2014/30/EU
- RoHS 2011/65/EU

The following harmonised standards and technical specifications have been applied:

- EN ISO 12100:2010
- EN 60204-1:2006/AC:2010
- EN 61000-6-2:2005
- EN 61000-6-4:2007/A1:2011

Name and Signature/Position



Mike Su – Managing Director

Date and Place

2022/12/1

Taipei, Taiwan

EP-13401-D-2307B-KDF

NOTE

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