Test Report

Applicant: Beijing Hutt Wisdom Technology Co., Ltd

Address: 432#,Fourth floor,building 12, 8# of XinjiekouWai Street, Xicheng district, Beijing city

The following merchandise was (were) submitted and identified by client as:

Sample Name:	Window Cleaning Robot
Test Sample Model:	DDC55PRO
Other Sample Model:	DDC55PROMAX,S5,S5PRO,S5PROMAX,B55PRO,B55PROMAX,HUTT5, HUTT5PRO,HUTT5PROMAX,S6,S6PRO,S6PROMAX,S7,S7PRO,S7PROMAX, S8, S8PRO, S8PROMAX
Manufacturer:	Beijing Hutt Wisdom Technology Co., Ltd
Address:	432#,Fourth floor,building 12, 8# of XinjiekouWai Street, Xicheng district, Beijing city
Sample Received Date:	Nov. 03, 2025
Completed Date:	Nov. 20, 2025

Test Requested: As specified by client, with reference to GB/T 26572-2011 Requirements of concentration limits for certain restricted substances in electrical and electronic products《Amendment No. 1》, to determine the Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr^{6+}), PBBs, PBDEs, Phthalates (DBP, BBP,DEHP,DIBP) content in the submitted sample.

Conclusion(s): According to the test results of below test parameters, the tested materials of submitted samples complied with the requirements for GB/T 26572-2011 Requirements of concentration limits for certain restricted substances in electrical and electronic products《Amendment No. 1》.

Test Result(s) and Test Method(s):Please refer to next page(s).

Prepared by: Anne Checked by: Kaibin Luo Approved by: Crystal

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Precise Testing & Certification (Guangdong) Co., Ltd. (PTC)

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Test Report

Test Result(s):

1.1) RoHS - Lead (Pb)/ Cadmium(Cd)/ Mercury(Hg)/ Hexavalent Chromium(Cr^{6+}) /PBBs/PBDEs

Test Method: GB/T 39560.301-2020, GB/T 39560.5-2021, GB/T 39560.701-2020, analyzed by EDXRF & ICP-OES & UV-Vis.

No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
1	White plastic (main body shell)	BL	BL	BL	BL	BL	--	PASS
2	Grey soft plastic (lid, water storage tank)	BL	BL	BL	BL	BL	--	PASS
3	Transparent plastic (outer shell, water storage tank)	BL	BL	BL	BL	BL	--	PASS
4	Transparent plastic (LED light guide plate)	BL	BL	BL	BL	BL	--	PASS
5	Black soft plastic (gasket)	BL	BL	BL	BL	BL	--	PASS
6	Light gray plastic (wheels)	BL	BL	BL	BL	BL	--	PASS
7	Black sponge (gasket, wheel)	BL	BL	BL	BL	BL	--	PASS
8	Black soft plastic tape adhesive (gasket, wheel)	BL	BL	BL	BL	BL	--	PASS
9	Black foam with adhesive (gasket, wheel)	BL	BL	BL	BL	BL	--	PASS
10[E]	Golden metal (gasket, wheel)	IN	BL	BL	BL	--	Pb:32401	PASS
11	Silver metal (lock catch)	BL	BL	BL	BL	--	--	PASS
12	Light gray woven fabric (safety rope)	BL	BL	BL	BL	BL	--	PASS
13	White plastic tape with black/yellow printing and adhesive (label, safety rope)	BL	BL	BL	BL	BL	--	PASS
14	White soft plastic (screw hole filler)	BL	BL	BL	BL	BL	--	PASS
15	White semi-transparent plastic (insulating cap)	BL	BL	BL	BL	BL	--	PASS
16	Silver metal (clasp,	BL	BL	BL	BL	--	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
	insulating cap)							
17	Silver metal (screws, wheels)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
18	Bright silver metal (cross screw)	BL	BL	BL	BL	--	--	PASS
19	Silver metal (spring)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
20	Silver-colored metal (cable core, power cord)	BL	BL	BL	BL	--	--	PASS
21	Silver metal (plug terminals, power cords)	BL	BL	BL	BL	--	--	PASS
22	White plastic (plug, power cord)	BL	BL	BL	BL	BL	--	PASS
23	White plastic tape with black printing (cable, power cord)	BL	BL	BL	BL	BL	--	PASS
24	Black plastic (cable, power cord)	BL	BL	BL	BL	BL	--	PASS
25	Black plastic (heat shrink tubing)	BL	BL	BL	BL	BL	--	PASS
26	Grey plastic (case, DC plug)	BL	BL	BL	BL	BL	--	PASS
27	Black plastic (insulating rubber, DC plug)	BL	BL	BL	BL	BL	--	PASS
28^{E}	Silver metal (casing, DC plug)	IN	BL	BL	BL	--	Pb:25851	PASS
29^{E}	Silver metal (plugs, DC connectors)	IN	BL	BL	BL	--	Pb:5145	PASS
30	Silver solder (jumper wire, DC connector)	BL	BL	BL	BL	--	--	PASS
31	Bronze-colored metal (copper core, DC plug power cord)	BL	BL	BL	BL	--	--	PASS
32	Grey plastic (outlet cover, DC plug power cord)	BL	BL	BL	BL	BL	--	PASS
33	Red plastic (cable cover, DC	BL	BL	BL	BL	BL	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
	plug power cord)							
34	White semi-transparent soft plastic (water pipes, water pumps)	BL	BL	BL	BL	BL	--	PASS
35	White tape with black imprint / adhesive (label, water pump)	BL	BL	BL	BL	BL	--	PASS
36	Black plastic (case, water pump)	BL	BL	BL	BL	BL	--	PASS
37	White semi-transparent soft plastic (gasket, water pump)	BL	BL	BL	BL	BL	--	PASS
38	Black soft plastic (gasket, water pump)	BL	BL	BL	BL	BL	--	PASS
39	Silver-colored metal (screws, water pump)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
40	Silver metal (dust cover, bearing)	BL	BL	BL	BL	--	--	PASS
41	Silver metal (retainer, bearing)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
42	Silver metal (balls, bearings)	BL	BL	BL	BL	--	--	PASS
43	Silver metal (outer ring/inner ring, bearing)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
44	Silver metal (C-shaped snap, bearing)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
45	Silver-colored metal (cable core, motor power cord)	BL	BL	BL	BL	--	--	PASS
46	Black plastic (cable, motor power cord)	BL	BL	BL	BL	BL	--	PASS
47	Red plastic (cable cover, motor power cord)	BL	BL	BL	BL	BL	--	PASS
48	White plastic (plug, motor power cord)	BL	BL	BL	BL	BL	--	PASS
49	Black fabric adhesive (adhesive tape)	BL	BL	BL	BL	BL	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
50	Beige plastic (base, motor)	BL	BL	BL	BL	BL	--	PASS
51	White plastic tape adhesive (pin pads, motors)	BL	BL	BL	BL	BL	--	PASS
52	Silver metal (power pins, motor)	BL	BL	BL	BL	--	--	PASS
53	Silver-colored metal (silicon steel, motor)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
54	Silver-colored metal (silicon steel, motor)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
55	Silver metal (electrode sheet, motor)	BL	BL	BL	BL	--	--	PASS
56	Bronze-colored metal (coil, motor)	BL	BL	BL	BL	--	--	PASS
57	White plastic (gasket, motor)	BL	BL	BL	BL	BL	--	PASS
58	Black solid (gasket, motor)	BL	BL	BL	BL	BL	--	PASS
59	Grey-black ceramic (terminal posts, motor)	BL	BL	BL	BL	BL	--	PASS
60	White plastic (rotor insulation glue, motor)	BL	BL	BL	BL	BL	--	PASS
61	Silver metal (spring clip, motor)	BL	BL	BL	BL	--	--	PASS
62	Silver metal (outer shell, motor)	BL	BL	BL	BL	--	--	PASS
63	Bronze-colored metal (for bearings, motors)	BL	BL	BL	BL	--	--	PASS
64	Gray-black magnets (magnetic cores, motors)	BL	BL	BL	BL	BL	--	PASS
65	Black plastic (case, buzzer)	BL	BL	BL	BL	BL	--	PASS
66	Green PCB (Buzzer PCB)	BL	BL	BL	BL	BL	--	PASS
67	Bronze-colored metal (coil, buzzer)	BL	BL	BL	BL	--	--	PASS
68	Silver metal (film, buzzer)	BL	BL	BL	BL	--	--	PASS
69	Silver metal (explosive	BL	BL	BL	BL	--	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
	fragment, buzzer)							
70	Silver metal band with black imprint (case, solid-state capacitor)	BL	BL	BL	BL	--	--	PASS
71	Gray metal (foil, solid-state capacitor)	BL	BL	BL	BL	--	--	PASS
72	Silver-gray metallic (foil, solid-state capacitor)	BL	BL	BL	BL	--	--	PASS
73	Silver-colored metal (pins, solid-state capacitor)	BL	BL	BL	BL	--	--	PASS
74	Black plastic (soldering chip, solid-state capacitor)	BL	BL	BL	BL	BL	--	PASS
75	Black rubber (base, solid-state capacitor)	BL	BL	BL	BL	BL	--	PASS
76	Brown paper (film, solid-state capacitor)	BL	BL	BL	BL	BL	--	PASS
77	Black plastic (buttons, switches)	BL	BL	BL	BL	BL	--	PASS
78	Black plastic (case, switch)	BL	BL	BL	BL	BL	--	PASS
79	Black soft plastic (gasket, switch)	BL	BL	BL	BL	BL	--	PASS
80	Silver metal (gasket, switch)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
81	Silver metal (pins, switches)	BL	BL	BL	BL	--	--	PASS
82	Silver-colored metal (component casing)	BL	BL	BL	BL	--	--	PASS
83	Silver solder (main PCB)	BL	BL	BL	BL	--	--	PASS
84	Green PCB (main PCB)	BL	BL	BL	BL	BL	--	PASS
85	Black body (component U11)	BL	BL	BL	BL	BL	--	PASS
86	Black body (component U5)	BL	BL	BL	BL	BL	--	PASS
87	Black body (component Q7)	BL	BL	BL	BL	BL	--	PASS
88	Black body (component U1)	BL	BL	BL	BL	BL	--	PASS
89	Black body (Component D2)	BL	BL	BL	BL	BL	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
90	Black body (Component D1)	BL	BL	BL	BL	BL	--	PASS
91	Black body (component U6)	BL	BL	BL	BL	BL	--	PASS
92	Black body (component U14)	BL	BL	BL	BL	BL	--	PASS
93	Black body (component U2)	BL	BL	BL	BL	BL	--	PASS
94	Black body (component U8)	BL	BL	BL	BL	BL	--	PASS
95	Black body with white imprint (soldered resistor)	BL	BL	BL	BL	BL	--	PASS
96	Brown body (screw-in capacitor)	BL	BL	BL	BL	BL	--	PASS
97	Beige plastic (jack, main PCB)	BL	BL	BL	BL	BL	--	PASS
98	Black plastic (extension socket, main PCB)	BL	BL	BL	BL	BL	--	PASS
99	Silver metal (connector pins, main PCB)	BL	BL	BL	BL	--	--	PASS
100	Light golden metal (component Y2, main PCB)	BL	BL	BL	BL	--	--	PASS
101	Grey-black metal (inductor 4R7, main PCB)	BL	BL	BL	BL	--	--	PASS
102	Grey-black metal (inductor 101, main PCB)	BL	BL	BL	BL	--	--	PASS
103	Silver metal (wheel axle)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
104[E]	Golden metal (screw hole)	IN	BL	BL	BL	--	Pb:29241	PASS
105	Transparent plastic (main inner shell)	BL	BL	BL	BL	BL	--	PASS
106	Black foam with adhesive (gasket)	BL	BL	BL	BL	BL	--	PASS
107	White plastic (gears)	BL	BL	BL	BL	BL	--	PASS
108	Black plastic (case, fan)	BL	BL	BL	BL	BL	--	PASS
109	Black foam (gasket, fan)	BL	BL	BL	BL	BL	--	PASS
110	Grey-black foam with transparent protective film	BL	BL	BL	BL	BL	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
	(buffer pad, fan)							
111	Milky white plastic (adhesive, fan)	BL	BL	BL	BL	BL	--	PASS
112	Grey soft plastic (sheath, fan power cord)	BL	BL	BL	BL	BL	--	PASS
113	White soft plastic (adhesive, fan power cord)	BL	BL	BL	BL	BL	--	PASS
114	White plastic (plug, fan power cord)	BL	BL	BL	BL	BL	--	PASS
115	Black plastic (cable cover, fan power cord)	BL	BL	BL	BL	BL	--	PASS
116	Blue plastic (cable cover, fan power cord)	BL	BL	BL	BL	BL	--	PASS
117	Red plastic (cable cover, fan power cord)	BL	BL	BL	BL	BL	--	PASS
118	Silver-colored metal (cable core, power cord for the fan)	BL	BL	BL	BL	--	--	PASS
119	Black metal (clips, fans)	BL	BL	BL	BL	--	--	PASS
120	Silver metal (fan blades, fan)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
121	Silver metal (core, fan)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
122	Silver-gray metal (rotor housing, fan)	BL	BL	BL	BL	--	--	PASS
123	Silver metal (fan blade holder, fan)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
124	Grey-black plastic (gasket, fan)	BL	BL	BL	BL	BL	--	PASS
125	Black magnet (magnetic core, fan)	BL	BL	BL	BL	BL	--	PASS
126	Brown plastic (retainer, fan bearing)	BL	BL	BL	BL	BL	--	PASS
127	Silver metal with black coating (gasket, fan bearing)	BL	BL	BL	BL	--	--	PASS
128	Silver metal (clasp, fan	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
	bearing)							
129	Silver metal (dust cover, fan bearing)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
130	Silver metal (ball bearings, fan bearings)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
131	Silver metal (outer ring/inner ring, fan bearing)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
132	Silver metal (axle sleeve, fan)	BL	BL	BL	BL	--	--	PASS
133	Silver-gray metal (rotor fixing base, fan)	BL	BL	BL	BL	--	--	PASS
134	Silver solder (fan PCB)	BL	BL	BL	BL	--	--	PASS
135	Green PCB (Fan PCB)	BL	BL	BL	BL	BL	--	PASS
136	Black body (component SNAJ, fan PCB)	BL	BL	BL	BL	BL	--	PASS
137	Black body (integrated chip, fan PCB)	BL	BL	BL	BL	BL	--	PASS
138	Black body with white imprint (soldered resistor, fan PCB)	BL	BL	BL	BL	BL	--	PASS
139	Brown body (screw-in capacitor, fan PCB)	BL	BL	BL	BL	BL	--	PASS
140	Silver metal with a green coating (silicon steel, fan PCB)	BL	BL	BL	BL	--	--	PASS
141	Bronze-colored metal (coil, fan PCB)	BL	BL	BL	BL	--	--	PASS
142[E]	Golden metal (gears, drive motor)	IN	BL	BL	BL	--	Pb:26877	PASS
143	Silver metal (outer shell, driving motor)	BL	BL	BL	BL	--	--	PASS
144	Silver metal (spring clip, drive motor)	BL	BL	BL	BL	--	--	PASS

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		Pb	Cd	Hg	Cr	Br		
145	Golden metal (bearings, drive motors)	BL	BL	BL	BL	--	--	PASS
146	Silver metal with a green coating (silicon steel, drive motor)	BL	BL	BL	IN	--	Cr^{6+}:Negative	PASS
147	Silver metal (core, driving motor)	BL	BL	BL	BL	--	--	PASS
148	Bronze-colored metal (winding, driving motor)	BL	BL	BL	BL	--	--	PASS
149	Bronze-colored metal (electrode plate, driving motor)	BL	BL	BL	BL	--	--	PASS
150	Bronze-colored metal (gasket, drive motor)	BL	BL	BL	BL	--	--	PASS
151	Brown plastic (gasket, drive motor)	BL	BL	BL	BL	BL	--	PASS
152	Black plastic (gasket, drive motor)	BL	BL	BL	BL	BL	--	PASS
153	Blue plastic (adhesive, motor)	BL	BL	BL	BL	BL	--	PASS
154	Beige plastic (adhesive, motor)	BL	BL	BL	BL	BL	--	PASS
155	Gray-black magnet (magnetic core, driving motor)	BL	BL	BL	BL	BL	--	PASS
156	Beige plastic (base, driving motor)	BL	BL	BL	BL	BL	--	PASS
157	Black soft plastic (gasket, drive motor)	BL	BL	BL	BL	BL	--	PASS
158	Silver-gray metal (carbon brushes, drive motor)	BL	BL	BL	BL	--	--	PASS
159	Bronze-colored metal (conductive sheet, motor driver)	BL	BL	BL	BL	--	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
160	Golden metal (power pins, for driving the motor)	BL	BL	BL	BL	--	--	PASS
161	Silver metal with black coating (screws, driving motor)	BL	BL	BL	BL	--	--	PASS
162	Silver-colored metal (cable core, power cord for the motor driver)	BL	BL	BL	BL	--	--	PASS
163	Silver-gray metal (casing, drive motor)	BL	BL	BL	BL	--	--	PASS
164	White tape with black imprint / adhesive (label, motor)	BL	BL	BL	BL	BL	--	PASS
165	White plastic (main body shell)	BL	BL	BL	BL	BL	--	PASS
166	Grey soft plastic (lid, water storage tank)	BL	BL	BL	BL	BL	--	PASS
167	Transparent plastic (outer shell, water storage tank)	BL	BL	BL	BL	BL	--	PASS
168	Transparent plastic (LED light guide plate)	BL	BL	BL	BL	BL	--	PASS
169	Black foam tape with adhesive (buffer pad)	BL	BL	BL	BL	BL	--	PASS
170	Black plastic tape adhesive (insulation sheet, battery)	BL	BL	BL	BL	BL	--	PASS
171	Blue plastic tape with black imprint (casing, battery pack)	BL	BL	BL	BL	BL	--	PASS
172	Blue plastic (casing, battery pack)	BL	BL	BL	BL	BL	--	PASS
173	Blue plastic tape adhesive (glue tape, battery pack)	BL	BL	BL	BL	BL	--	PASS
174	White soft plastic (cord cover, battery pack power cord)	BL	BL	BL	BL	BL	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
175	Red soft plastic (cord cover, battery pack power cord)	BL	BL	BL	BL	BL	--	PASS
176	Black soft plastic (cord cover, battery pack power cord)	BL	BL	BL	BL	BL	--	PASS
177	White plastic (plug, battery pack power cord)	BL	BL	BL	BL	BL	--	PASS
178	Silver-colored metal (cable core, power cord for battery pack)	BL	BL	BL	BL	--	--	PASS
179	Silver solder (battery protection plate)	BL	BL	BL	BL	--	--	PASS
180	White soft plastic (adhesive, battery protection board)	BL	BL	BL	BL	BL	--	PASS
181	Black body (component 4407A, battery protection board)	BL	BL	BL	BL	BL	--	PASS
182	Green PCB (Battery Protection Board)	BL	BL	BL	BL	BL	--	PASS
183	Black main body (integrated chip, battery protection board)	BL	BL	BL	BL	BL	--	PASS
184	Black body with white imprint (soldered resistor, battery protection board)	BL	BL	BL	BL	BL	--	PASS
185	White plastic (film, battery)	BL	BL	BL	BL	BL	--	PASS
186	Green transparent plastic tape adhesive (glue, battery)	BL	BL	BL	BL	BL	--	PASS
187	Silver-colored metal (outer shell, battery)	BL	BL	BL	BL	--	--	PASS
188	Bronze-colored metal with black coating (foil, battery)	BL	BL	BL	BL	--	--	PASS
189	Silver metal with black coating (foil, battery)	BL	BL	BL	BL	--	--	PASS

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No.	Materials Description	EDXRF Result(s) (mg/kg)					Chemical Result (mg/kg)	Conclusion
		Pb	Cd	Hg	Cr	Br		
190	Silver metal (electrode sheet, battery)	BL	BL	BL	BL	--	--	PASS
191	Dark silver metal (electrode sheet, battery)	BL	BL	BL	BL	--	--	PASS

Note:

1. mg/kg = milligram per kilogram (ppm).
2. The sample is positive for Cr^{6+} if the Cr^{6+}concentration is greater than 0.13μg/cm^2 .The sample coating is considered to contain Cr^{6+}.
3. The sample is negative for Cr^{6+} if the Cr^{6+} concentration is less than 0.10μg/cm^2 . The sample is considered a non-Cr(VI) based coating.
4. The result of Cr^{6+} between 0.10 μg/cm^2 and 0.13μg/cm^2 is considered to be inconclusive - unavoidable coating variations may influence the determination.
5. The result are obtained by EDXRF for primary screening, if the result exceeds the below limit (BL), and further chemical testing.
6. For EDXRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine.
7. “E”= This material is tin-lead solder or metal alloy proved by client,lead in tin-lead solder or copper alloy is exempted on the requirements of RoHS directive (EU Directive 2011/65/EU).

Screening limits in mg/kg for regulated elements in various matrices

Elements	Polymer	Metal	Composite Materials
Pb	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(500-3σ)<X<(1500+3σ)≤ OL
Cd	BL≤(70-3σ)<X<(130+3σ)≤ OL	BL≤(70-3σ)<X<(130+3σ)≤ OL	LOD<X<(150+3σ)≤OL
Hg	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(700-3σ)<X<(1300+3σ)≤ OL	BL≤(500-3σ)<X<(1500+3σ)≤ OL
Cr	BL≤(700-3σ)<X	BL≤(700-3σ)<X	BL≤(500-3σ)<X
Br	BL≤(300-3σ)<X	--	BL≤(250-3σ)<X

BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection

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Chemical Testing - Detection Limit & Limit:

Name of Chemicals	Method Detection Limit (mg/kg)	Limit (mg/kg)
Lead (Pb)	5	1000
Cadmium (Cd)	5	100
Mercury (Hg)	5	1000
Chromium VI (Cr VI)	Non-metal: 5 Metal: Negative	Non-metal: 1000 Metal: Negative
Polybromobiphenyls (PBBs) -Bromobiphenyl (MonoBB) -Dibromobiphenyl (DiBB) -Tribromobiphenyl (TriBB) -Tetrabromobiphenyl (TetraBB) -Pentabromobiphenyl (PentaBB) -Hexabromobiphenyl (HexaBB) -Heptabromobiphenyl (HeptaBB) -Octabromobiphenyl (OctaBB) -Nonabromobiphenyl (NonaBB) -Decabromobiphenyl (DecaBB)	Each 5	Sum: 1 000
Polybromodiphenyl ethers (PBDEs) -Bromodiphenyl ether (MonoBDE) -Dibromodiphenyl ether (DiBDE) -Tribromodiphenyl ether (TriBDE) -Tetrabromodiphenyl ether (TetraBDE) -Pentabromodiphenyl ether (PentaBDE) -Hexabromodiphenyl ether (HexaBDE) -Heptabromodiphenyl ether (HeptaBDE) -Octabromodiphenyl ether (OctaBDE) -Nonabromodiphenyl ether (NonaBDE) -Decabromodiphenyl ether (DecaBDE)	Each 5	Sum: 1 000

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Test Result(s):

1.2) RoHS - Phthalates (DIBP,DBP, BBP, DEHP)

Test Method: GB/T 39560.8-2021, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit(s) (mg/kg)	1000	1000	1000	1000	
MDL (mg/kg)	50	50	50	50	
Material No.	Result (mg/kg)				
1+2+3	N.D.	N.D.	N.D.	N.D.	PASS
4+6+7	N.D.	N.D.	N.D.	N.D.	PASS
8+9+14	N.D.	N.D.	N.D.	N.D.	PASS
12+13+15	N.D.	N.D.	N.D.	N.D.	PASS
23+24+25	N.D.	N.D.	N.D.	N.D.	PASS
22+26+27	N.D.	N.D.	N.D.	N.D.	PASS
32+33	N.D.	N.D.	N.D.	N.D.	PASS
34+38	N.D.	N.D.	N.D.	N.D.	PASS
36+49+50	N.D.	N.D.	N.D.	N.D.	PASS
46+47	N.D.	N.D.	N.D.	N.D.	PASS
60+65+97	N.D.	N.D.	N.D.	N.D.	PASS
66+84+135	N.D.	N.D.	N.D.	N.D.	PASS
105+107+108	N.D.	N.D.	N.D.	N.D.	PASS
109+110+112	N.D.	N.D.	N.D.	N.D.	PASS
111+114+156	N.D.	N.D.	N.D.	N.D.	PASS
115+116+117	N.D.	N.D.	N.D.	N.D.	PASS
165+166	N.D.	N.D.	N.D.	N.D.	PASS
168	N.D.	N.D.	N.D.	N.D.	PASS
5+35+37	N.D.	N.D.	N.D.	N.D.	PASS
48+51+57	N.D.	N.D.	N.D.	N.D.	PASS
58+59+64	N.D.	N.D.	N.D.	N.D.	PASS
74+75+76	N.D.	N.D.	N.D.	N.D.	PASS
77+78+79	N.D.	N.D.	N.D.	N.D.	PASS
85+86+87	N.D.	N.D.	N.D.	N.D.	PASS
88+89+90	N.D.	N.D.	N.D.	N.D.	PASS

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91+92+93	N.D.	N.D.	N.D.	N.D.	PASS
94+95+96	N.D.	N.D.	N.D.	N.D.	PASS
98+106+113	N.D.	N.D.	N.D.	N.D.	PASS
124+125+126	N.D.	N.D.	N.D.	N.D.	PASS
136+137+138	N.D.	N.D.	N.D.	N.D.	PASS
139+151+152	N.D.	N.D.	N.D.	N.D.	PASS
153+154+155	N.D.	N.D.	N.D.	N.D.	PASS
157+164+167	N.D.	N.D.	N.D.	N.D.	PASS
180+181+183	N.D.	N.D.	N.D.	N.D.	PASS
184+186	N.D.	N.D.	N.D.	N.D.	PASS
169+170+172	N.D.	N.D.	N.D.	N.D.	PASS
171+173+177	N.D.	N.D.	N.D.	N.D.	PASS
174+175+176	N.D.	N.D.	N.D.	N.D.	PASS
182+185	N.D.	N.D.	N.D.	N.D.	PASS

Note: 1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (<RL).
3. MDL=Method Detection Limit.

Test Material List
The following materials apply only to the samples submitted for phthalates testing.

Material No.	Description (Location)
1	White plastic (main body shell)
2	Grey soft plastic (lid, water storage tank)
3	Transparent plastic (outer shell, water storage tank)
4	Transparent plastic (LED light guide plate)
5	Black soft plastic (gasket)
6	Light gray plastic (wheels)
7	Black sponge (gasket, wheel)
8	Black soft plastic tape adhesive (gasket, wheel)
9	Black foam with adhesive (gasket, wheel)
12	Light gray woven fabric (safety rope)
13	White plastic tape with black/yellow printing and adhesive (label, safety rope)
14	White soft plastic (screw hole filler)

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15	White semi-transparent plastic (insulating cap)
22	White plastic (plug, power cord)
23	White plastic tape with black printing (cable, power cord)
24	Black plastic (cable, power cord)
25	Black plastic (heat shrink tubing)
26	Grey plastic (case, DC plug)
27	Black plastic (insulating rubber, DC plug)
32	Grey plastic (outlet cover, DC plug power cord)
33	Red plastic (cable cover, DC plug power cord)
34	White semi-transparent soft plastic (water pipes, water pumps)
35	White tape with black imprint / adhesive (label, water pump)
36	Black plastic (case, water pump)
37	White semi-transparent soft plastic (gasket, water pump)
38	Black soft plastic (gasket, water pump)
46	Black plastic (cable, motor power cord)
47	Red plastic (cable cover, motor power cord)
48	White plastic (plug, motor power cord)
49	Black fabric adhesive (adhesive tape)
50	Beige plastic (base, motor)
51	White plastic tape adhesive (pin pads, motors)
57	White plastic (gasket, motor)
58	Black solid (gasket, motor)
59	Grey-black ceramic (terminal posts, motor)
60	White plastic (rotor insulation glue, motor)
64	Gray-black magnets (magnetic cores, motors)
65	Black plastic (case, buzzer)
66	Green PCB (Buzzer PCB)
74	Black plastic (soldering chip, solid-state capacitor)
75	Black rubber (base, solid-state capacitor)
76	Brown paper (film, solid-state capacitor)
77	Black plastic (buttons, switches)
78	Black plastic (case, switch)
79	Black soft plastic (gasket, switch)
84	Green PCB (main PCB)
85	Black body (component U11)

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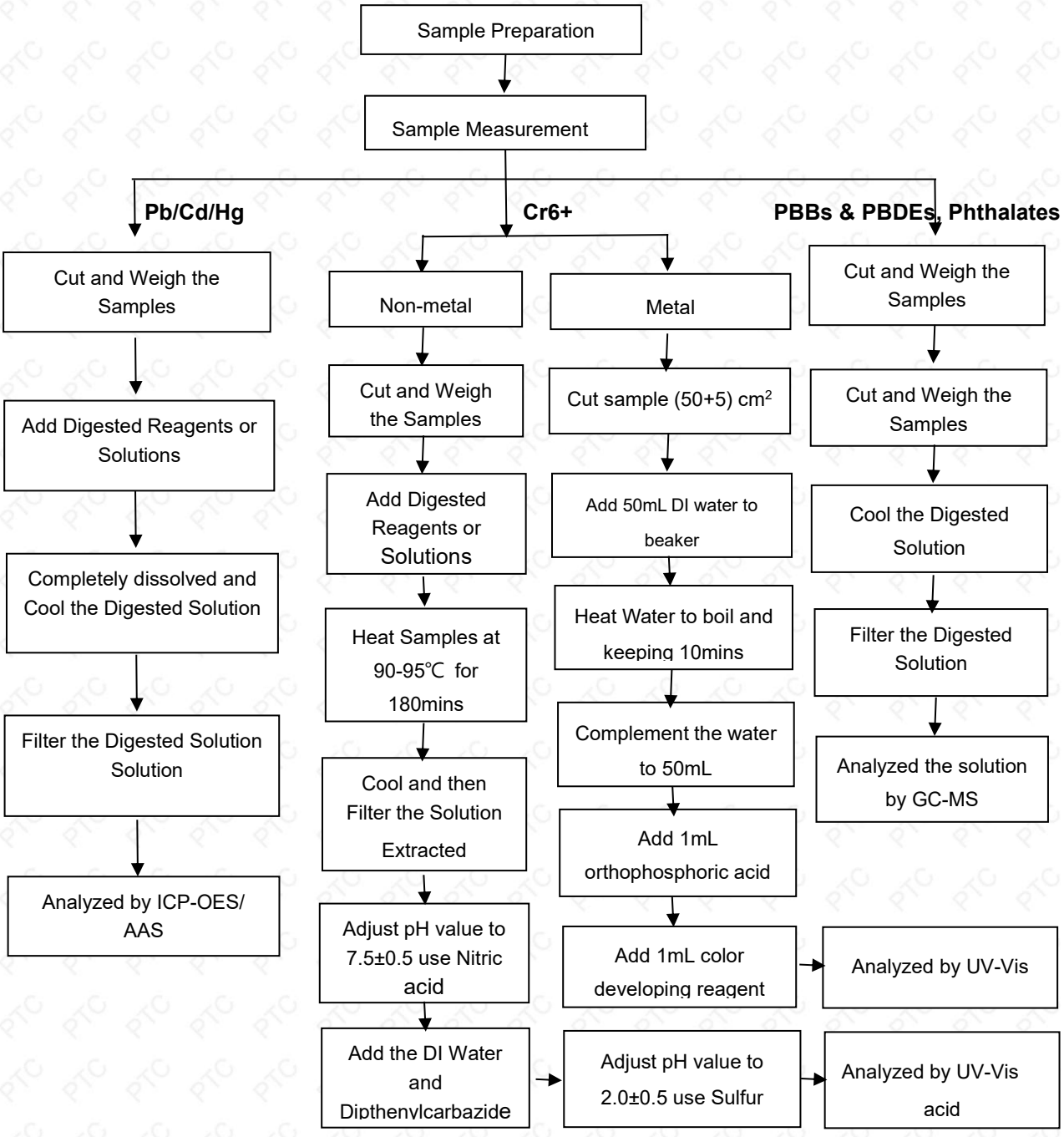
86	Black body (component U5)
87	Black body (component Q7)
88	Black body (component U1)
89	Black body (Component D2)
90	Black body (Component D1)
91	Black body (component U6)
92	Black body (component U14)
93	Black body (component U2)
94	Black body (component U8)
95	Black body with white imprint (soldered resistor)
96	Brown body (screw-in capacitor)
97	Beige plastic (jack, main PCB)
98	Black plastic (extension socket, main PCB)
105	Transparent plastic (main inner shell)
106	Black foam with adhesive (gasket)
107	White plastic (gears)
108	Black plastic (case, fan)
109	Black foam (gasket, fan)
110	Grey-black foam with transparent protective film (buffer pad, fan)
111	Milky white plastic (adhesive, fan)
112	Grey soft plastic (sheath, fan power cord)
113	White soft plastic (adhesive, fan power cord)
114	White plastic (plug, fan power cord)
115	Black plastic (cable cover, fan power cord)
116	Blue plastic (cable cover, fan power cord)
117	Red plastic (cable cover, fan power cord)
124	Grey-black plastic (gasket, fan)
125	Black magnet (magnetic core, fan)
126	Brown plastic (retainer, fan bearing)
135	Green PCB (Fan PCB)
136	Black body (component SNAJ, fan PCB)
137	Black body (integrated chip, fan PCB)
138	Black body with white imprint (soldered resistor, fan PCB)
139	Brown body (screw-in capacitor, fan PCB)
151	Brown plastic (gasket, drive motor)

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152	Black plastic (gasket, drive motor)
153	Blue plastic (adhesive, motor)
154	Beige plastic (adhesive, motor)
155	Gray-black magnet (magnetic core, driving motor)
156	Beige plastic (base, driving motor)
157	Black soft plastic (gasket, drive motor)
164	White tape with black imprint / adhesive (label, motor)
165	Black plastic (wiring cover, motor drive)
166	Red plastic (sheath, motor drive)
167	Red stitching (duster cloth)
168	Grey felt fabric (duster cloth)
169	Black foam tape with adhesive (buffer pad)
170	Black plastic tape adhesive (insulation sheet, battery)
171	Blue plastic tape with black imprint (casing, battery pack)
172	Blue plastic (casing, battery pack)
173	Blue plastic tape adhesive (glue tape, battery pack)
174	White soft plastic (cord cover, battery pack power cord)
175	Red soft plastic (cord cover, battery pack power cord)
176	Black soft plastic (cord cover, battery pack power cord)
177	White plastic (plug, battery pack power cord)
180	White soft plastic (adhesive, battery protection board)
181	Black body (component 4407A, battery protection board)
182	Green PCB (Battery Protection Board)
183	Black main body (integrated chip, battery protection board)
184	Black body with white imprint (soldered resistor, battery protection board)
185	White plastic (film, battery)
186	Green transparent plastic tape adhesive (glue, battery)

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Pb/Cd/Hg/Cr6+/PBBs/PBDEs , PhthalatesTesting Flow Chart



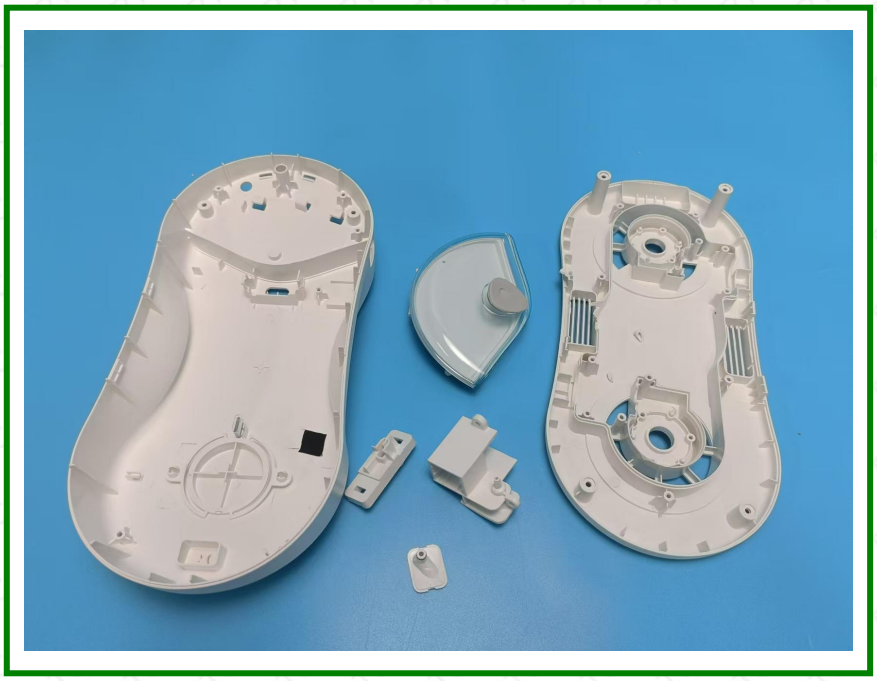
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Photo(s) of Sample:





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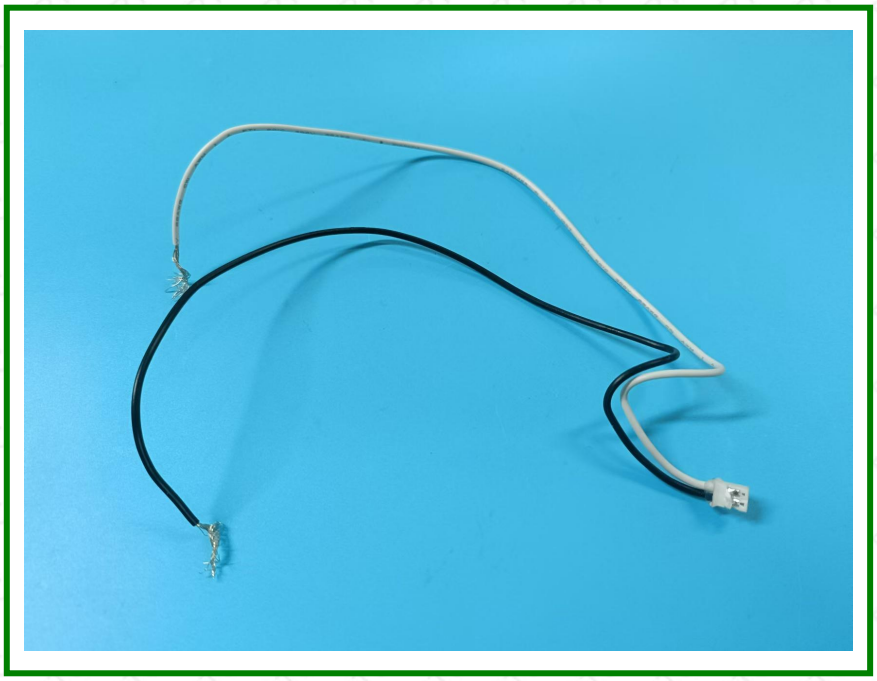


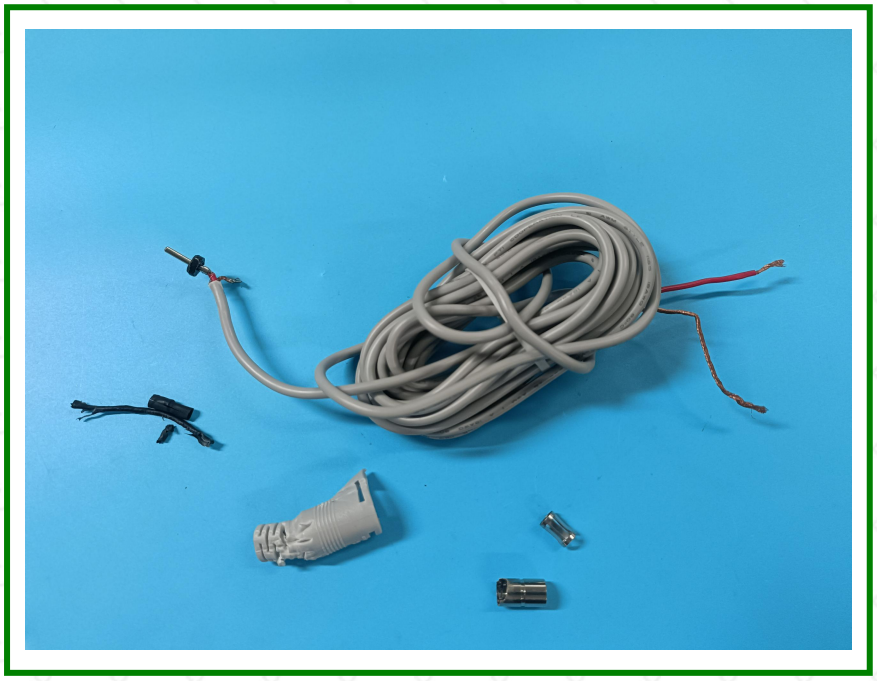
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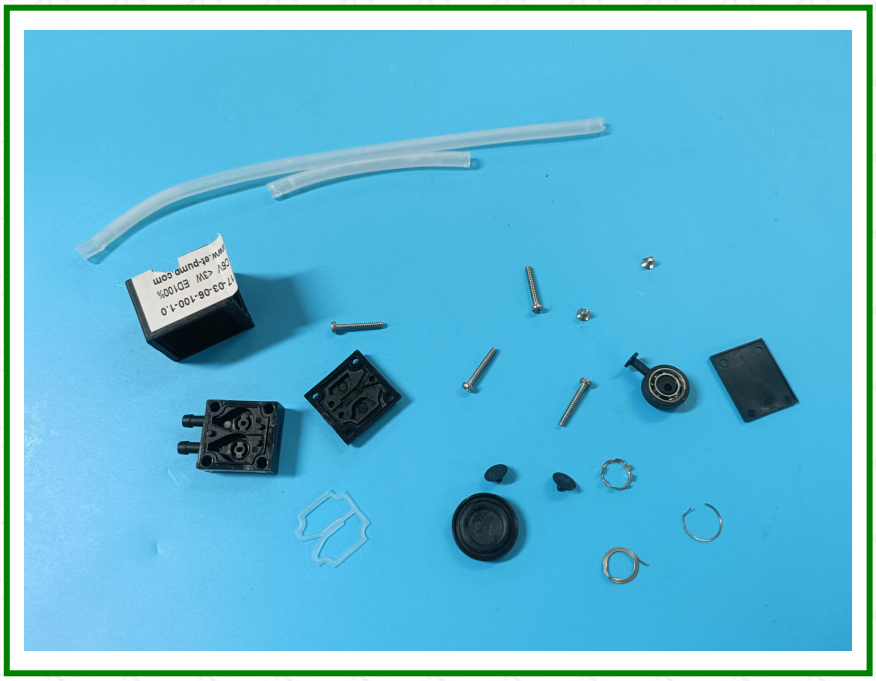


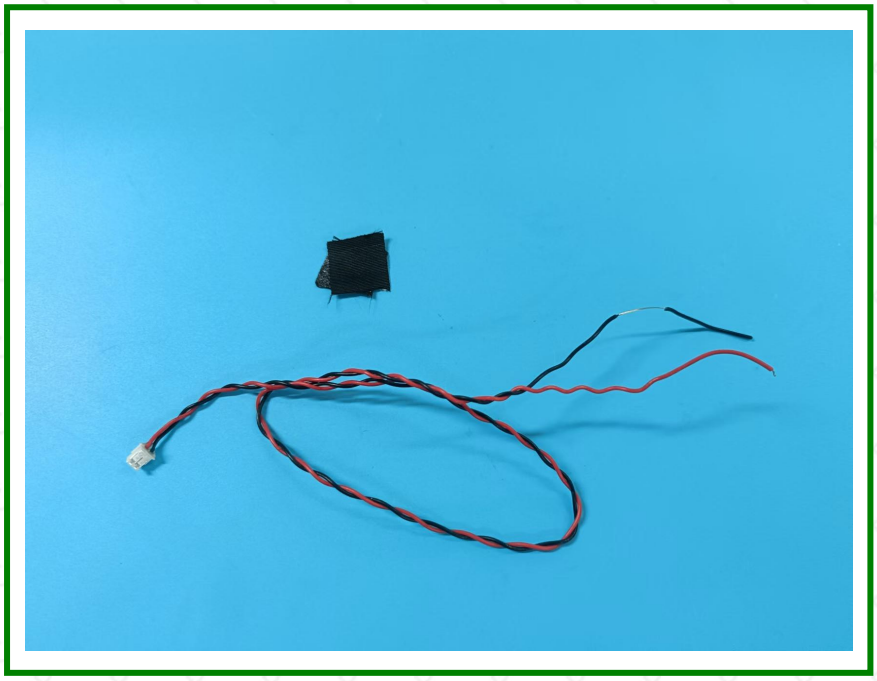
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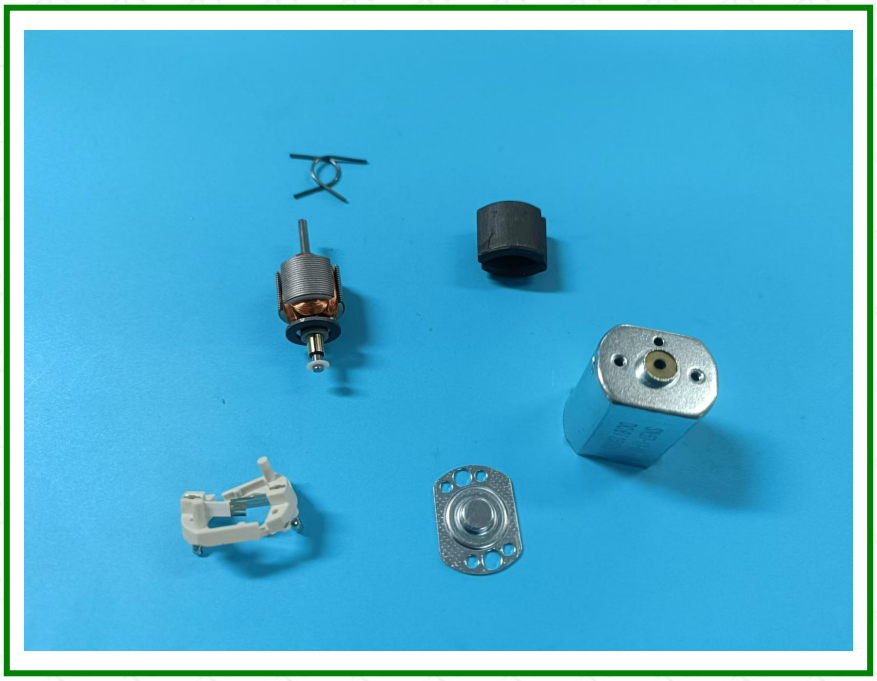


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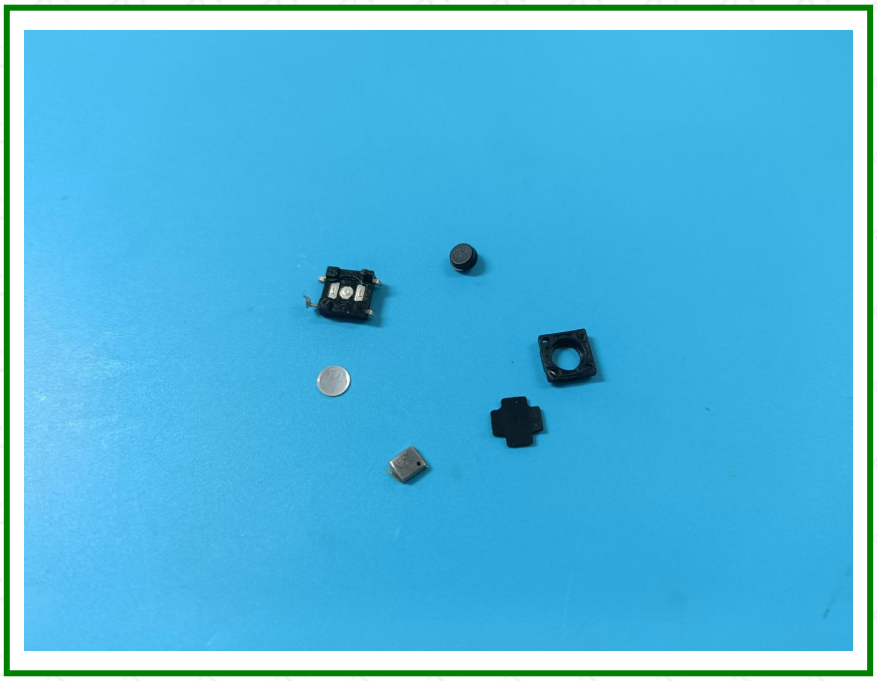


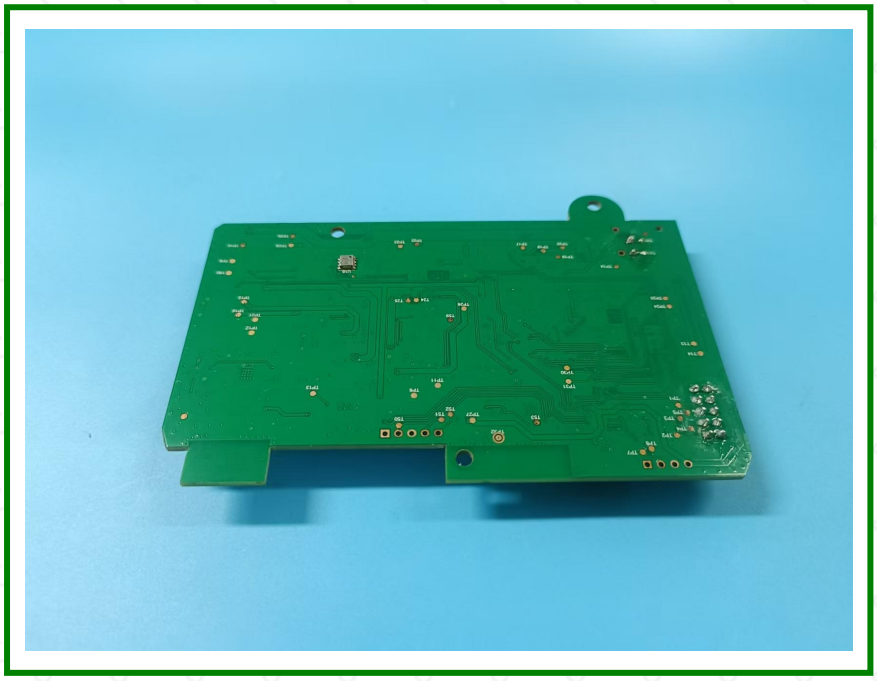
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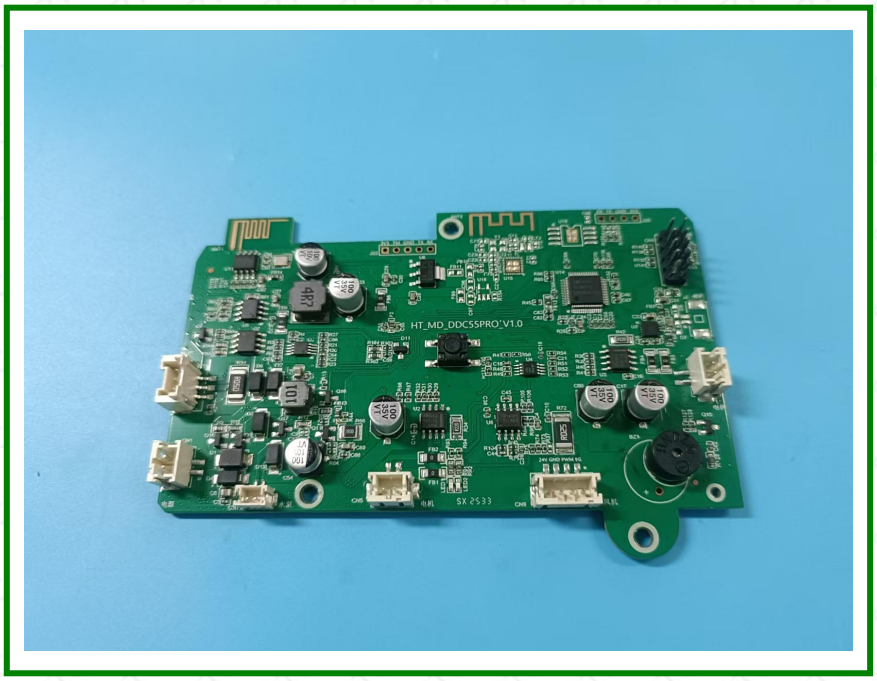


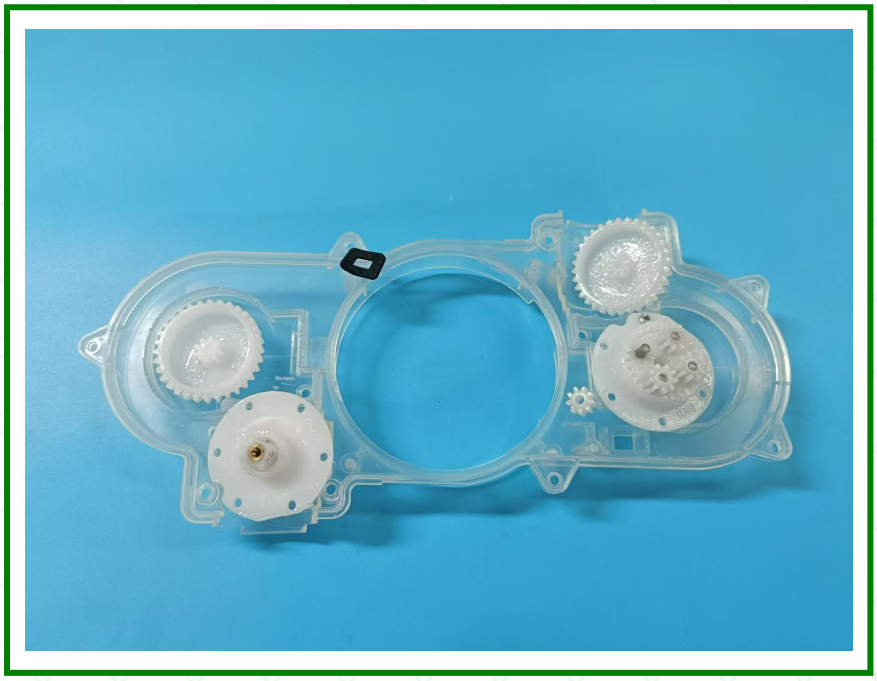
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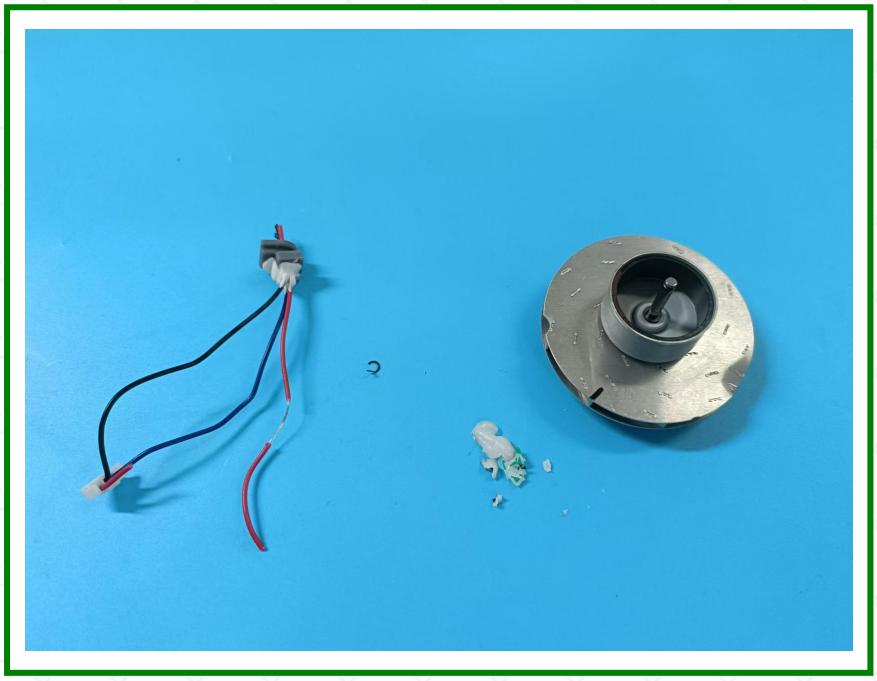
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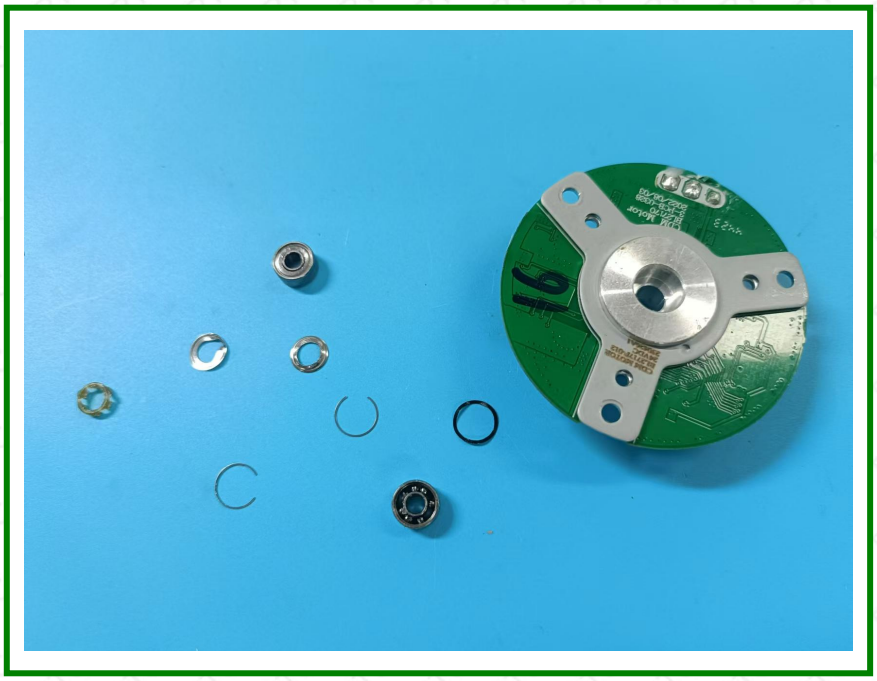


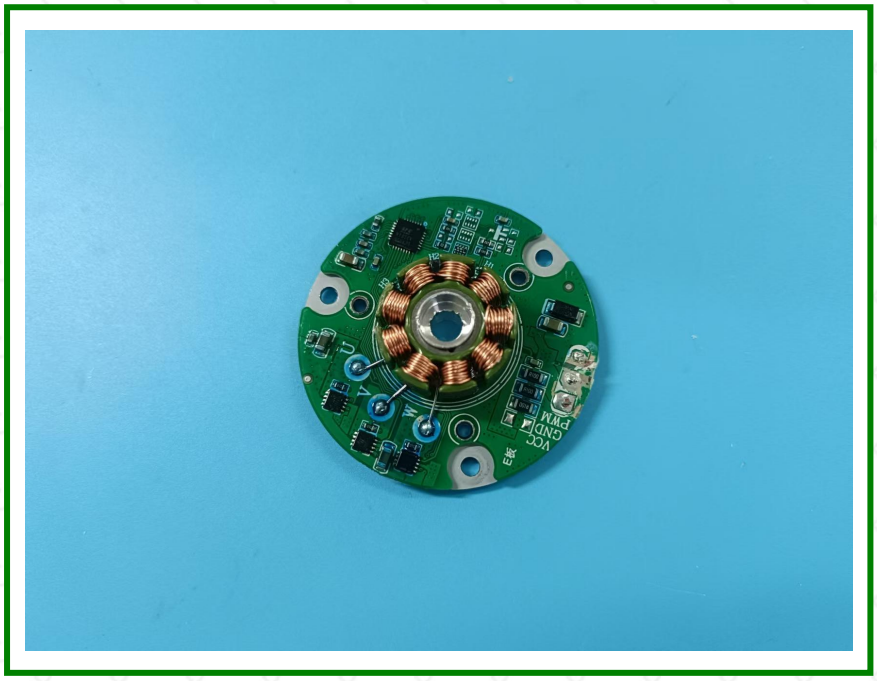
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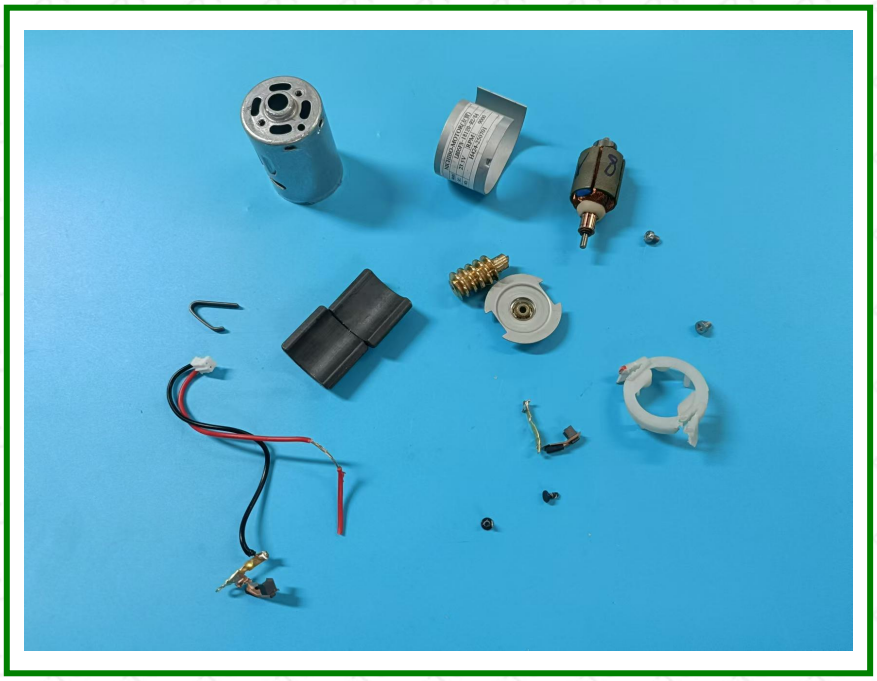


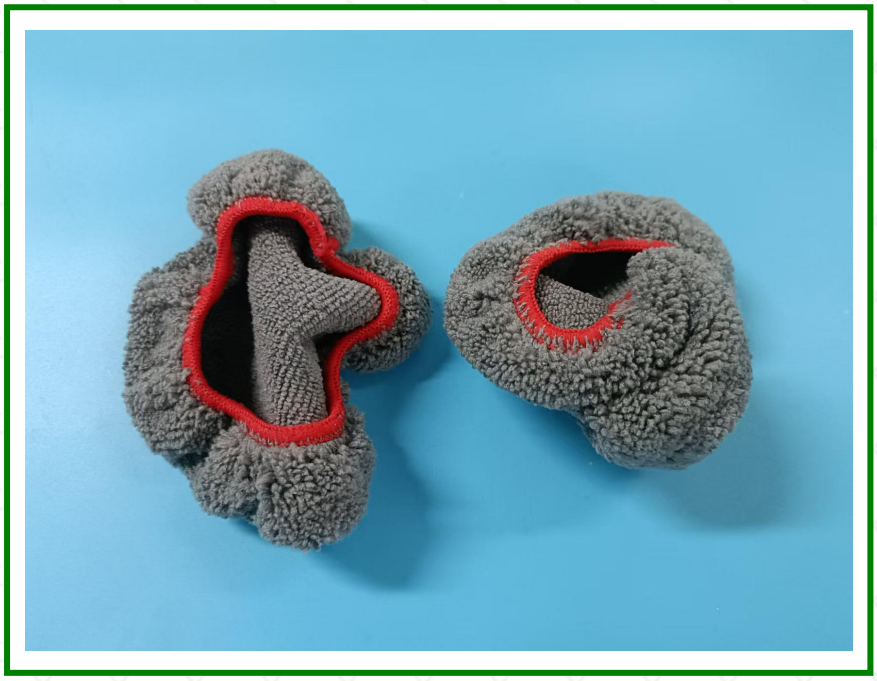
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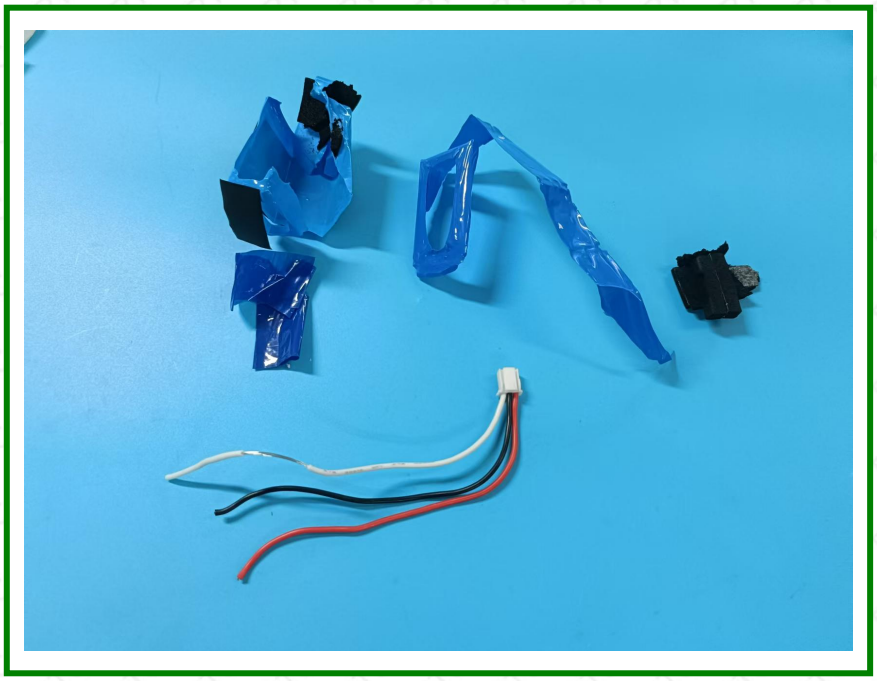


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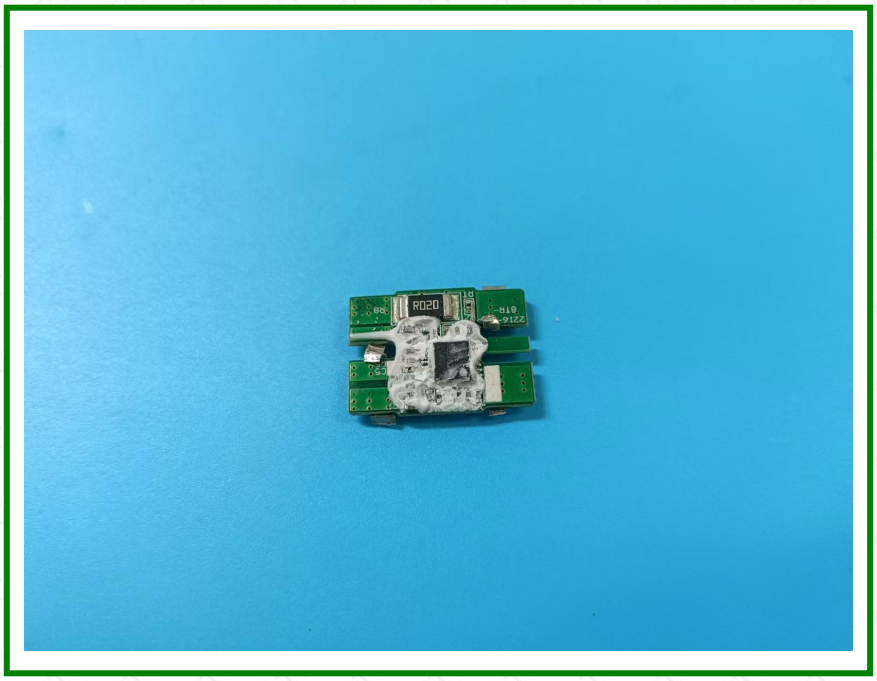


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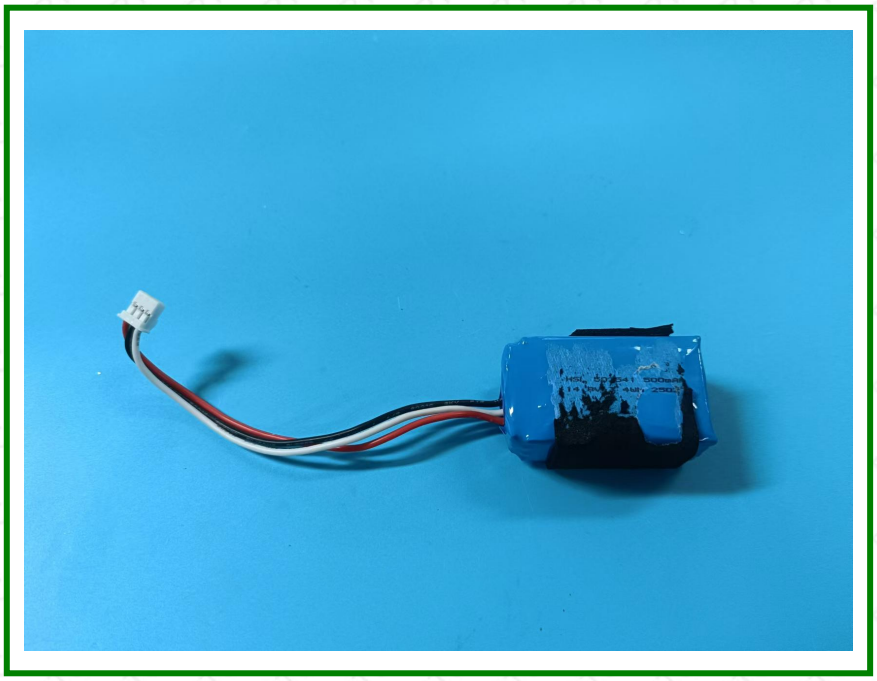


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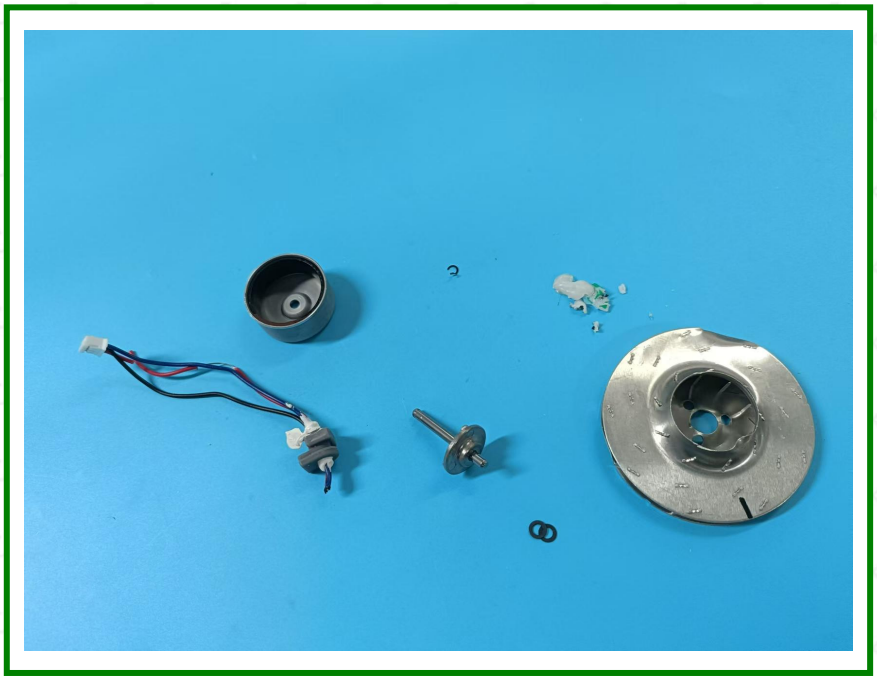


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End of Report

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