



中国认可
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TESTING
CNAS L11210



TEST REPORT

Report No. : WTN24N12284590C

Applicant : Ningbo Hicon Industry Technology Co.,Ltd

Address : No.55, Binhai 4th Road, Qianwan New Area, Ningbo,
Zhejiang Province, P.R. China

Manufacturer : Ningbo Hicon Industry Technology Co.,Ltd

Address : No.55, Binhai 4th Road, Qianwan New Area, Ningbo,
Zhejiang Province, P.R. China

Sample Name : Ice Maker

Sample Model : HZB-20CN, HZB-12H, HZB-45, BCD-87

Reference Sample Model : Refer to following pages

Test Requested : As applicant's requirement, in accordance with the RoHS
Directive 2011/65/EU and its amendment (EU) No. 2015/863,
to determine the Lead (Pb), Cadmium (Cd), Mercury (Hg),
Hexavalent chromium [Cr (VI)], polybrominated biphenyls
(PBBs), polybrominated diphenyl ethers (PBDEs), dibutyl
phthalate (DBP), butyl benzyl phthalate (BBP),
di (2-ethylhexyl) phthalate (DEHP), diisobutyl phthalate
(DIBP) content in the submitted sample

Test Conclusion : **PASS** (Please refer to following pages for details)

Date of Receipt sample : 2024/12/4 & 2025/1/2 & 2025/1/9

Testing period : 2024/12/4~2025/1/8 & 2025/1/9~2025/1/14

Date of Issue : 2025/1/15

Test Result : Refer to following pages

Prepared By:

Waltek Testing Group (Ningbo) Co., Ltd.

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Signed for and on behalf of
Waltek Testing Group (Ningbo) Co., Ltd.

Steven Song

**Test Results:**

1. Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs and PBDEs:

Test Method:

- (1) With reference to IEC 62321-2:2021, disassembly, disjunction and mechanical sample preparation;
- (2) With reference to IEC 62321-3-1:2013, screening - Lead, Mercury, Cadmium, total Chromium and total Bromine by X-ray fluorescence spectrometry;
- (3) With reference to IEC 62321-4:2013+AMD1:2017 CSV, determination of Mercury by ICP-OES;
- (4) With reference to IEC 62321-5:2013, determination of Lead and Cadmium by ICP-OES;
- (5) With reference to IEC 62321-7-2:2017 and IEC 62321-7-1:2015, determination of Hexavalent Chromium by UV-VIS;
- (6) With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.

Unit: mg/kg

Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
1	White rubber foot pad	BL	BL	BL	BL	BL	---	PASS
2	Grey plastic base plate shell	BL	BL	BL	BL	BL	---	PASS
3	Silvery plastic printing sticker	BL	BL	BL	BL	BL	---	PASS
4	Silvery plastic label sticker	BL	BL	BL	BL	BL	---	PASS
5	Black and white printing sticker	BL	BL	BL	BL	BL	---	PASS
6	Grey plastic backplane shell	BL	BL	BL	BL	BL	---	PASS
7	Grey plastic side panel shell	BL	BL	BL	BL	BL	---	PASS
8	Grey plastic side panel shell	BL	BL	BL	BL	BL	---	PASS
9	Silvery plastic printing sticker	BL	BL	BL	BL	BL	---	PASS
10	Grey plastic cover shell	BL	BL	BL	BL	BL	---	PASS
11	Grey plastic parts	BL	BL	BL	BL	BL	---	PASS
12	Grey plastic frame shell	BL	BL	BL	BL	BL	---	PASS
13	Transparent plastic parts	BL	BL	BL	BL	BL	---	PASS
14	Transparent plastic parts	BL	BL	BL	BL	BL	---	PASS
15	Silvery metal spring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
16	Transparent hot melt adhesive	BL	BL	BL	BL	BL	---	PASS
17	Yellow LED	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
18	Black IC patch	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
19	Black patch resistor	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
20	Yellowish-brown patch capacitor	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
21	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
22	Silvery metal solder	BL	BL	BL	BL	N/A	---	PASS
23	White plastic frame	BL	BL	BL	BL	BL	---	PASS
24	White silicone sealing strip	BL	BL	BL	BL	BL	---	PASS
25	Transparent plastic plate	BL	BL	BL	BL	BL	---	PASS
26	White plastic screw cap	BL	BL	BL	BL	BL	---	PASS
27	White silicone gasket	BL	BL	BL	BL	BL	---	PASS
28	White plastic cover	BL	BL	BL	BL	BL	---	PASS
29	White plastic frame body	BL	BL	BL	BL	BL	---	PASS
30	Silvery metal bracket	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
31	White plastic filter rack	BL	BL	BL	BL	BL	---	PASS
32	White plastic inner body frame	BL	BL	BL	BL	BL	---	PASS
33	Black plastic body part	BL	BL	BL	BL	BL	---	PASS
34	White silicone cover	BL	BL	BL	BL	BL	---	PASS
35	White soft glue	BL	BL	BL	BL	BL	---	PASS
36	Black plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
37	White filled foam	BL	BL	BL	BL	BL	---	PASS
38	Silvery metal support plate	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
39	Silvery metal bracket	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
40	White plastic tie	BL	BL	BL	BL	BL	---	PASS
41	White plastic buckle	BL	BL	BL	BL	BL	---	PASS
42	Black insulation foam cover	BL	BL	BL	BL	BL	---	PASS
43	Silvery foil sticker	BL	BL	BL	BL	N/A	---	PASS
44	Silvery metal strip	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
45	White plastic cover	BL	BL	BL	BL	BL	---	PASS
46	White plastic parts	BL	BL	BL	BL	BL	---	PASS
47	Black plastic parts	BL	BL	BL	BL	BL	---	PASS
48	Silvery metal inner tube	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
49	Copper metal outer tube	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
50	Black plastic parts	BL	BL	BL	BL	BL	---	PASS
51	White ceramic ring	BL	BL	BL	BL	BL	---	PASS
52	Grey rubber ring	BL	BL	BL	BL	BL	---	PASS
53	White plastic collar	BL	BL	BL	BL	BL	---	PASS
54	Silvery metal worm	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
55	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
56	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
57	Black rubber sleeve	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
58	Black grey metal magnet ring	BL	BL	BL	BL	N/A	---	PASS
59	Black plastic fan	BL	BL	BL	BL	BL	---	PASS
60	Silvery grey metal frame	BL	BL	BL	BL	N/A	---	PASS
61	Silvery metal ring with blackening treatment	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
62	Silvery metal bearing	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
63	Silvery metal pillar	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
64	Silvery metal threaded shaft	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
65	Silvery plastic printing sticker	BL	BL	BL	BL	BL	---	PASS
66	Silvery plastic label sticker	BL	BL	BL	BL	BL	---	PASS
67	Deep green plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS
68	Black plastic frame	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
69	Copper metal coil	BL	BL	BL	BL	N/A	---	PASS
70	Silvery metal locating pin	BL	BL	BL	BL	N/A	---	PASS
71	Silvery metal lamination with blackening treatment	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
72	Transparent plastic cover	BL	BL	BL	BL	BL	---	PASS
73	Silvery temperature control switch	BL	BL	BL	IN	BL	Cr (VI): ND	PASS
74	Brown plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
75	Gold metal clip	BL	BL	BL	BL	N/A	---	PASS
76	Black plastic heat shrinkable sleeve	BL	BL	BL	BL	BL	---	PASS
77	Silvery metal clip	BL	BL	BL	BL	N/A	---	PASS
78	White plastic woven cover	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
79	White plastic plug-in parts	BL	BL	BL	BL	BL	---	PASS
80	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
81	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS
82	Black rubber pad	BL	BL	BL	BL	BL	---	PASS
83	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
84	Silvery metal skeleton	BL	BL	BL	BL	N/A	---	PASS
85	Black rubber ring	BL	BL	BL	BL	BL	---	PASS
86	Silvery metal fixing pin	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
87	Silvery metal shell	BL	BL	BL	BL	N/A	---	PASS
88	Red plastic pad	BL	BL	BL	BL	BL	---	PASS
89	Silvery metal shell	BL	BL	BL	BL	N/A	---	PASS
90	Silvery metal ring with blackening treatment	BL	BL	BL	BL	N/A	---	PASS
91	Black rubber bearing sealing ring	BL	BL	BL	BL	BL	---	PASS
92	White plastic gear	BL	BL	BL	BL	BL	---	PASS
93	Silvery metal shaft	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
94	Silvery metal gear	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
95	Silvery metal gear	BL	BL	BL	BL	N/A	---	PASS
96	Silvery metal cone bearing	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
97	Silvery metal gear	BL	BL	BL	BL	N/A	---	PASS
98	Silvery metal shaft	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
99	Grey foam pad (with adhesive)	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
100	Silvery metal frame	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
101	Silvery metal cooling rack	BL	BL	BL	BL	N/A	---	PASS
102	Copper metal pipe	BL	BL	BL	BL	N/A	---	PASS
103	Black and white printing sticker	BL	BL	BL	BL	BL	---	PASS
104	Black plastic fan frame	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
105	Black plastic fan	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
106	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
107	Black grey metal magnet strip	BL	BL	BL	BL	N/A	---	PASS
108	Silvery metal shaft	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
109	White plastic sheet	BL	BL	BL	BL	BL	---	PASS
110	Copper metal bearing	BL	BL	BL	BL	N/A	---	PASS
111	Silvery metal lamination	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
112	Copper metal coil	BL	BL	BL	BL	N/A	---	PASS
113	Black plastic frame	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
114	Black IC chip	BL	BL	BL	BL	BL	---	PASS
115	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
116	Silvery metal solder	BL	BL	BL	BL	N/A	---	PASS
117	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
118	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
119	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS
120	Copper metal pipe	BL	BL	BL	BL	N/A	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
121	Copper metal drying filter	BL	BL	BL	BL	N/A	---	PASS
122	Copper metal pipe	BL	BL	BL	BL	N/A	---	PASS
123	Black plastic pipe sleeve	BL	BL	BL	BL	BL	---	PASS
124	Black foam pipe sleeve	BL	BL	BL	BL	BL	---	PASS
125	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
126	Black rubber pad	BL	BL	BL	BL	BL	---	PASS
127	Black grey foam pad (with adhesive)	BL	BL	BL	BL	BL	---	PASS
128	Multicolor printed label sticker	BL	BL	BL	BL	BL	---	PASS
129	Black plastic cover	BL	BL	BL	BL	BL	---	PASS
130	Silvery metal guide pin	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
131	Silvery metal compressor shell	BL	BL	BL	BL	N/A	---	PASS
132	Black coating	BL	BL	BL	BL	BL	---	PASS
133	Black plastic parts	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
134	White ceramic sheet	BL	IN	BL	BL	BL	Pb: 2.27×10 ⁴ #	PASS
135	Silvery metal sheet	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
136	Black plastic parts	BL	BL	BL	BL	BL	---	PASS
137	Silvery metal sheet	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
138	White plastic parts	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
139	Silvery metal wire	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
140	Silvery metal spring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
141	Copper sheet metal	BL	BL	BL	BL	N/A	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
142	Silvery metal contactor	BL	BL	BL	BL	N/A	---	PASS
143	Silvery metal sheet	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
144	Black plastic parts	BL	BL	BL	BL	BL	---	PASS
145	Silvery metal grounding ring	BL	BL	BL	BL	N/A	---	PASS
146	Green plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
147	Copper metal wire core	BL	BL	BL	BL	N/A	---	PASS
148	Silvery metal terminal	BL	BL	BL	BL	N/A	---	PASS
149	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
150	Black plastic plug-in parts	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
151	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
152	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
153	Copper metal wire core	BL	BL	BL	BL	N/A	---	PASS
154	Transparent white silicone hose	BL	BL	BL	BL	BL	---	PASS
155	Transparent plastic pipe	BL	BL	BL	BL	BL	---	PASS
156	White silicone hose	BL	BL	BL	BL	BL	---	PASS
157	White plastic frame	BL	BL	BL	BL	BL	---	PASS
158	White plastic frame	BL	BL	BL	BL	BL	---	PASS
159	White plastic parts	BL	BL	BL	BL	BL	---	PASS
160	White silicone sealing ring	BL	BL	BL	BL	BL	---	PASS
161	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
162	Silvery metal frame	BL	BL	BL	BL	N/A	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
163	Silvery plastic label sticker	IN	BL	BL	BL	BL	Cd: ND	PASS
164	White silicone plug	BL	BL	BL	BL	BL	---	PASS
165	Silvery metal pillar	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
166	Silvery metal spring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
167	White plastic stopper	BL	BL	BL	BL	BL	---	PASS
168	Black plastic body part	BL	BL	BL	BL	BL	---	PASS
169	Copper metal coil	BL	BL	BL	BL	N/A	---	PASS
170	Silvery metal contactor	BL	BL	BL	BL	N/A	---	PASS
171	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
172	Black plastic heat shrinkable sleeve	BL	BL	BL	BL	BL	---	PASS
173	Silvery metal terminal	BL	BL	BL	BL	N/A	---	PASS
174	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
175	Red plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
176	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS
177	Multicolor printed label sticker	BL	BL	BL	BL	BL	---	PASS
178	White plastic cover	BL	BL	BL	BL	BL	---	PASS
179	White plastic parts	BL	BL	BL	BL	BL	---	PASS
180	Yellow silicone sealing ring	BL	BL	BL	BL	BL	---	PASS
181	White plastic parts	BL	BL	BL	BL	BL	---	PASS
182	Silvery metal shaft	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
183	Transparent plastic ring	IN	BL	BL	BL	BL	Cd: ND	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
184	White plastic parts	BL	BL	BL	BL	BL	---	PASS
185	Black grey metal magnet	BL	BL	BL	BL	N/A	---	PASS
186	White silicone rubber ring	BL	BL	BL	BL	BL	---	PASS
187	Copper metal coil	BL	BL	BL	BL	N/A	---	PASS
188	Silvery metal lamination	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
189	Beige plastic frame	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
190	Black IC chip	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
191	Yellowish-brown patch capacitor	BL	BL	IN	BL	IN	Hg: ND PBBs: ND PBDEs: ND	PASS
192	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
193	Silvery metal solder	BL	BL	IN	BL	N/A	Hg: ND	PASS
194	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
195	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
196	Red plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
197	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS
198	White plastic nut	BL	BL	BL	BL	BL	---	PASS
199	White silicone sealing ring	BL	BL	BL	BL	BL	---	PASS
200	White plastic snap ring	BL	BL	BL	BL	BL	---	PASS
201	White plastic buoy	BL	BL	BL	BL	BL	---	PASS
202	White level switch	BL	BL	BL	BL	BL	---	PASS
203	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
204	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
205	Silvery foil sticker	BL	BL	BL	BL	N/A	---	PASS
206	White plastic tie	BL	BL	BL	BL	BL	---	PASS
207	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
208	Yellow plastic wire jacket	IN	BL	BL	BL	BL	Cd: ND	PASS
209	Blue plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
210	Orange plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
211	Red plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
212	Green plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
213	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS
214	White plastic frame	BL	BL	BL	BL	BL	---	PASS
215	White plastic parts	BL	BL	BL	BL	BL	---	PASS
216	Transparent LED	BL	BL	BL	BL	BL	---	PASS
217	Black LED	BL	BL	BL	BL	BL	---	PASS
218	Silvery metal pin	BL	IN	BL	BL	N/A	Pb: 347	PASS
219	Silvery metal solder	IN	IN	BL	BL	N/A	Cd: 6 Pb: 818	PASS
220	Black plastic heat shrinkable sleeve	BL	BL	BL	BL	BL	---	PASS
221	Brown plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
222	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
223	Blue plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
224	Red plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
225	Silvery metal wire core	BL	BL	BL	BL	N/A	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
226	Black plastic box	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
227	Black plastic cover	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
228	Black thermistor	BL	BL	BL	BL	BL	---	PASS
229	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
230	Black and white printing sticker	BL	BL	BL	BL	BL	---	PASS
231	Black relay	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
232	Blue resistor	BL	BL	BL	BL	BL	---	PASS
233	Yellow safety regulation capacitor	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
234	Yellow transformer	BL	BL	BL	BL	BL	---	PASS
235	Green inductor	BL	BL	BL	BL	BL	---	PASS
236	Blue capacitor	BL	BL	BL	BL	BL	---	PASS
237	Black fuse box	BL	BL	BL	BL	BL	---	PASS
238	Green plastic capacitor cover	BL	BL	BL	BL	BL	---	PASS
239	Black plastic capacitor cover	BL	BL	BL	BL	BL	---	PASS
240	Silvery capacitor	BL	BL	BL	BL	BL	---	PASS
241	Yellowish-brown patch capacitor	BL	BL	IN	BL	IN	Hg: ND PBBs: ND PBDEs: ND	PASS
242	Black patch inductor	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
243	Black rectifier bridge	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
244	Black diode	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
245	Black patch resistor	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
246	Black IC patch	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
247	Black triode	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
248	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
249	Silvery metal solder	IN	BL	BL	BL	N/A	Cd: ND	PASS
250	Red plastic plug-in parts	BL	BL	BL	BL	BL	---	PASS
251	Red plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS
252	White plastic limit buckle	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
253	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
254	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
255	Green plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
256	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
257	Copper metal wire core	BL	BL	BL	BL	N/A	---	PASS
258	White plastic plug cover	BL	BL	BL	BL	BL	---	PASS
259	Silvery metal cylindrical pin	BL	BL	BL	BL	N/A	---	PASS
260	Silvery metal sheet pin	BL	BL	BL	BL	N/A	---	PASS
261	Black plastic frame	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
262	White plastic cover	BL	BL	BL	BL	BL	---	PASS
263	Transparent plastic cover	BL	BL	BL	BL	BL	---	PASS
264	Grey plastic shell	BL	BL	BL	BL	BL	---	PASS
265	Yellow plastic sticker	BL	BL	BL	BL	BL	---	PASS
266	Silvery metal trim panel	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
267	Transparent double sided tape	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
268	White plastic drawer	BL	BL	BL	BL	BL	---	PASS
269	White silicone sealing ring	BL	BL	BL	BL	BL	---	PASS
270	Silvery metal spring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
271	White plastic parts	BL	BL	BL	BL	BL	---	PASS
272	Transparent black plastic shell	BL	BL	BL	BL	BL	---	PASS
273	Transparent plastic drawer	BL	BL	BL	BL	BL	---	PASS
274	Grey plastic board	BL	BL	BL	BL	BL	---	PASS
275	Silvery plastic printing sticker	BL	BL	BL	BL	BL	---	PASS
276	Grey plastic board	BL	BL	BL	BL	BL	---	PASS
277	Silvery metal shovel	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
278	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
279	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
280	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
281	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
282	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
283	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
284	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
285	Silvery metal bolt	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
286	Silvery metal bolt	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
287	Silvery metal bolt	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
288	Silvery metal spring pad	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
289	Silvery metal gasket	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
290	Silvery metal nut	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
291	Silvery metal bolt	BL	BL	BL	BL	N/A	---	PASS
292	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
293	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
294	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
295	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
296	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
297	Silvery metal screw	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
298	Silvery metal screw	BL	BL	BL	BL	N/A	---	PASS
299	Yellow background with black printed note instruction paper	BL	BL	BL	BL	BL	---	PASS
300	White background with black printed instruction paper	BL	BL	BL	BL	BL	---	PASS
301	White background with black printed instruction paper	BL	BL	BL	BL	BL	---	PASS
302	Silvery metal staples	BL	BL	BL	BL	N/A	---	PASS
303	White background with black printed instruction	BL	BL	BL	BL	BL	---	PASS
304	Transparent white plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS
305	Transparent white plastic bubble bag	BL	BL	BL	BL	BL	---	PASS
306	White plastic tie	BL	BL	BL	BL	BL	---	PASS
307	Transparent white plastic packaging bag	BL	BL	BL	BL	BL	---	PASS
308	Transparent white plastic packaging bag with red lettering	IN	BL	BL	BL	BL	Cd: ND	PASS
309	Transparent plastic packaging film	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
310	White foam fixed frame	BL	BL	BL	BL	BL	---	PASS
311	Transparent plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS
312	Color printing packaging corrugated paper box	BL	BL	BL	BL	BL	---	PASS
313	Silvery metal nail	BL	BL	BL	BL	N/A	---	PASS
314	Black transparent plastic cover	BL	BL	BL	BL	BL	---	PASS
315	Transparent scarlet letter plastic sticker	BL	BL	BL	BL	BL	---	PASS
316	Black plastic patch	BL	BL	BL	BL	BL	---	PASS
317	Black plastic handle	BL	BL	BL	BL	BL	---	PASS
318	Black plastic shell	BL	BL	BL	BL	BL	---	PASS
319	Black plastic base	BL	BL	BL	BL	BL	---	PASS
320	Silvery metal tube chrome plated	BL	BL	BL	BL	N/A	---	PASS
321	Silvery metal clip	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
322	Silvery metal pin	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
323	Silvery metal ring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
324	Silvery metal frame	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
325	Black plastic body part	BL	BL	BL	BL	BL	---	PASS
326	Blue transparent silicone cover	BL	BL	BL	BL	BL	---	PASS
327	Blue plastic wire jacket	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
328	Multicolor printed label sticker	BL	BL	BL	BL	BL	---	PASS
329	Silvery metal shell	BL	BL	BL	BL	N/A	---	PASS
330	White plastic sheet	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
331	Silvery metal shaft	BL	BL	BL	BL	N/A	---	PASS
332	White plastic gear	BL	BL	BL	BL	BL	---	PASS
333	Silvery metal gear	BL	BL	BL	BL	N/A	---	PASS
334	Silvery metal shaft	BL	BL	BL	BL	N/A	---	PASS
335	White plastic ring	BL	BL	BL	BL	BL	---	PASS
336	Black plastic sheet	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
337	White plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS
338	Silvery metal solder	BL	BL	BL	BL	N/A	---	PASS
339	White plastic frame	BL	BL	BL	BL	BL	---	PASS
340	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
341	Transparent silicone cover	BL	BL	BL	BL	BL	---	PASS
342	Black plastic wire jacket	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
343	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
344	Silvery metal sheet	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
345	Black plastic parts	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
346	Green plastic switch shell	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
347	Silvery metal spring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
348	Silvery metal contactor	BL	BL	BL	BL	N/A	---	PASS
349	Silvery metal solder	BL	BL	BL	BL	N/A	---	PASS
350	Brown plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
351	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
352	Purple plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
353	Grey plastic adhesive tape	BL	BL	BL	BL	BL	---	PASS
354	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
355	Black plastic button	BL	BL	BL	BL	BL	---	PASS
356	Black plastic switch shell	BL	BL	BL	BL	BL	---	PASS
357	Black rubber pad	BL	BL	BL	BL	BL	---	PASS
358	Silvery metal spring	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
359	Silvery metal solder	IN	BL	IN	BL	N/A	Cd: ND Hg: ND	PASS
360	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
361	Silvery metal solder	IN	BL	BL	BL	N/A	Cd: ND	PASS
362	Black plastic power cord pressing block	BL	BL	BL	BL	BL	---	PASS
363	White silicone plug	BL	BL	BL	BL	BL	---	PASS
364	Off white plastic stopper	BL	BL	BL	BL	BL	---	PASS
365	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
366	Black plastic plug cover	BL	BL	BL	BL	BL	---	PASS
367	White plastic frame	BL	BL	BL	BL	BL	---	PASS
368	Black plastic shell	BL	BL	BL	BL	BL	---	PASS
369	Silvery metal shell	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
370	Silvery metal shell	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
371	Black coating	BL	BL	BL	BL	BL	---	PASS
372	Black soft glue	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
373	Black/white plastic patch	BL	BL	BL	BL	BL	---	PASS
374	Black plastic frame	BL	BL	BL	BL	BL	---	PASS
375	Black screen	BL	BL	BL	BL	BL	---	PASS
376	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
377	Silvery metal solder	BL	BL	IN	BL	N/A	Hg: ND	PASS
378	Pink/white plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
379	Blue plastic buckle	BL	BL	BL	BL	BL	---	PASS
380	Red plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
381	Grey starting capacitor	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
382	Black plastic wire sleeve	BL	BL	BL	BL	BL	---	PASS
383	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
384	White plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
385	Black magnetic switch	BL	BL	BL	BL	BL	---	PASS
386	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
387	White plastic sleeve	BL	BL	BL	BL	BL	---	PASS
388	Beige plastic parts	BL	BL	BL	BL	BL	---	PASS
389	Black rubber parts	BL	BL	BL	BL	BL	---	PASS
390	Yellow plastic parts	BL	BL	BL	BL	BL	---	PASS
391	Multicolor printed label sticker	BL	BL	BL	BL	BL	---	PASS
392	Silvery metal solder	BL	BL	BL	BL	N/A	---	PASS
393	Silvery metal motor shell	BL	BL	BL	BL	N/A	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
394	Silvery metal lamination	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
395	Silvery metal shaft	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
396	Off white plastic frame	BL	BL	BL	BL	BL	---	PASS
397	White plastic pipe	BL	BL	BL	BL	BL	---	PASS
398	Black grey plastic shell	BL	BL	BL	BL	BL	---	PASS
399	Silvery plastic label sticker	BL	BL	BL	BL	BL	---	PASS
400	Black rubber sealing ring	BL	BL	BL	BL	BL	---	PASS
401	Black plastic wire jacket	BL	BL	BL	BL	BL	---	PASS
402	White plastic box	IN	BL	BL	BL	IN	Cd: ND PBBs: ND PBDEs: ND	PASS
403	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
404	Silvery metal solder	BL	IN	IN	BL	N/A	Pb: 55 Hg: ND	PASS
405	Black rubber plug	BL	BL	BL	BL	BL	---	PASS
406	Grey plastic pipe	BL	BL	BL	BL	BL	---	PASS
407	Black plastic foot brace	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
408	Copper metal screw	BL	BL	BL	BL	N/A	---	PASS
409	Black plastic limit buckle	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
410	White plastic pipe	BL	BL	BL	BL	BL	---	PASS
411	Grey rubber tube	BL	BL	BL	BL	BL	---	PASS
412	Grey plastic pipe	BL	BL	BL	BL	BL	---	PASS
413	Grey plastic pipe cover	BL	BL	BL	BL	BL	---	PASS
414	Transparent plastic pipe skeleton	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
415	Black rubber sealing ring	BL	BL	BL	BL	BL	---	PASS
416	White plastic parts	BL	BL	BL	BL	BL	---	PASS
417	Beige silicone sealing ring	BL	BL	BL	BL	BL	---	PASS
418	Transparent plastic screen protective film	IN	BL	BL	BL	BL	Cd: ND	PASS
419	White plastic protective film	BL	BL	BL	BL	BL	---	PASS
420	Transparent plastic sealing bag	BL	BL	BL	BL	BL	---	PASS
421	White transparent bubble bag	BL	BL	BL	BL	BL	---	PASS
422	Transparent white plastic packaging bag with red lettering	BL	BL	BL	BL	BL	---	PASS
423	White pearl cotton	BL	BL	BL	BL	BL	---	PASS
424	Black coating	BL	BL	BL	BL	BL	---	PASS
425	Silvery metal plate shell	BL	BL	BL	BL	N/A	---	PASS
426	Black plastic parts	BL	BL	BL	BL	BL	---	PASS
427	Silvery metal plate shell	BL	BL	BL	BL	N/A	---	PASS
428	Black coating	BL	BL	BL	BL	BL	---	PASS
429	Black grey metal magnet soft strip	BL	BL	BL	BL	N/A	---	PASS
430	Black rubber sealing strip	BL	BL	BL	BL	BL	---	PASS
431	White plastic knob	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
432	Silvery metal frame	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
433	Silvery metal frame	BL	BL	BL	BL	N/A	---	PASS
434	Silvery metal rod	BL	BL	BL	IN	N/A	Cr (VI): Negative	PASS
435	Black plastic parts	BL	BL	BL	BL	BL	---	PASS



Part No.	Part description	Result of EDX					Result of Wet Chemical Testing	Conclusion
		Cd	Pb	Hg	Cr	Br		
436	Grey plastic parts	BL	BL	BL	BL	IN	PBBs: ND PBDEs: 170	PASS
437	Gold metal sheet	BL	BL	BL	BL	N/A	---	PASS
438	Copper sheet metal	BL	BL	BL	BL	N/A	---	PASS
439	Silvery metal contactor	BL	IN	BL	BL	N/A	Pb: 13	PASS
440	Black plastic cover	BL	BL	BL	BL	BL	---	PASS
441	Silvery metal wire	BL	BL	BL	BL	N/A	---	PASS
442	Green PCB	BL	BL	BL	BL	IN	PBBs: ND PBDEs: ND	PASS
443	Silvery metal solder	BL	BL	BL	BL	N/A	---	PASS
444	Silvery metal frame	BL	BL	BL	BL	N/A	---	PASS
445	Black plastic buckle	BL	BL	BL	BL	BL	---	PASS
446	Black plastic frame	BL	BL	BL	BL	BL	---	PASS
447	Transparent glass plate	BL	BL	BL	BL	BL	---	PASS
448	Transparent white protective film	BL	BL	BL	BL	BL	---	PASS
449	White sponge pad	BL	BL	BL	BL	BL	---	PASS
450	Yellow brown cardboard rack	BL	BL	BL	BL	BL	---	PASS
451	Black plastic edge protective cover	BL	BL	BL	BL	BL	---	PASS
452	Yellow brown corrugated paper packaging box	BL	BL	BL	BL	BL	---	PASS



2. Phthalates:

Test Method:

With reference to IEC 62321-8:2017, determination of Phthalates content by GC-MS.

Unit: mg/kg

Serial No.	Part No.	Results				Conclusion
		DBP	BBP	DEHP	DIBP	
T01	1+3+4 [△]	ND	ND	ND	ND	PASS
T02	2+6+7+8+10 [△]	ND	ND	ND	ND	PASS
T03	5+9+24 [△]	ND	ND	ND	ND	PASS
T04	11+12+13+14+23 [△]	ND	ND	ND	ND	PASS
T05	16+35+37 [△]	ND	ND	ND	ND	PASS
T06	17+18+19+20+21 [△]	ND	ND	ND	ND	PASS
T07	25+26+28+29+31 [△]	ND	ND	ND	ND	PASS
T08	27+34+36 [△]	ND	ND	ND	ND	PASS
T09	32+33+40+41+45 [△]	ND	ND	ND	ND	PASS
T10	42+52+57 [△]	ND	ND	ND	ND	PASS
T11	46+47+50+53+59 [△]	ND	ND	ND	ND	PASS
T12	51+73+114+115+134 [△]	ND	ND	ND	ND	PASS
T13	65+66+67 [△]	ND	ND	ND	ND	PASS
T14	68+79+88+92+104 [△]	ND	ND	ND	ND	PASS
T15	72+74+76 [△]	ND	ND	ND	ND	PASS
T16	78+80+82 [△]	ND	ND	ND	ND	PASS
T17	85+99 [△]	ND	ND	ND	ND	PASS
T18	103+117+118 [△]	ND	ND	ND	ND	PASS
T19	105+109+113+129+133 [△]	ND	ND	ND	ND	PASS
T20	123+124+126 [△]	ND	ND	ND	ND	PASS



Serial No.	Part No.	Results				Conclusion
		DBP	BBP	DEHP	DIBP	
T21	127+128+146 [△]	ND	ND	ND	ND	PASS
T22	132+267+299 [△]	ND	ND	ND	ND	PASS
T23	136+138+144+150+157 [△]	ND	ND	ND	ND	PASS
T24	149+151+152 [△]	ND	ND	ND	ND	PASS
T25	154+155+156 [△]	ND	ND	ND	ND	PASS
T26	158+159+167+168+178 [△]	ND	ND	ND	ND	PASS
T27	160+163+165 [△]	ND	ND	ND	ND	PASS
T28	171+172+174 [△]	ND	ND	ND	ND	PASS
T29	175+177+180 [△]	ND	ND	ND	ND	PASS
T30	179+181+183+184+189 [△]	ND	ND	ND	ND	PASS
T31	186+194+195 [△]	ND	ND	ND	ND	PASS
T32	190+191+192+202+216 [△]	ND	ND	ND	ND	PASS
T33	196+199+203 [△]	ND	ND	ND	ND	PASS
T34	198+200+201+206+214 [△]	ND	ND	ND	ND	PASS
T35	207+208+209 [△]	ND	ND	ND	ND	PASS
T36	210+211+212 [△]	ND	ND	ND	ND	PASS
T37	215+250+252 [△]	ND	ND	ND	ND	PASS
T38	217+228+231+232+233 [△]	ND	ND	ND	ND	PASS
T39	220+221+222 [△]	ND	ND	ND	ND	PASS
T40	223+224+229 [△]	ND	ND	ND	ND	PASS
T41	230+238+239 [△]	ND	ND	ND	ND	PASS
T42	234+235+236+237+240 [△]	ND	ND	ND	ND	PASS



Serial No.	Part No.	Results				Conclusion
		DBP	BBP	DEHP	DIBP	
T43	241+242+243+244+245 [△]	ND	ND	ND	ND	PASS
T44	246+247+248+354+360 [△]	ND	ND	ND	ND	PASS
T45	251+253+258 [△]	ND	ND	ND	ND	PASS
T46	254+255+256 [△]	ND	ND	ND	ND	PASS
T47	261+262+263+264+268 [△]	ND	ND	ND	ND	PASS
T48	265+269+275 [△]	ND	ND	ND	ND	PASS
T49	271+272+273+274+276 [△]	ND	ND	ND	ND	PASS
T50	300+301+303 [△]	ND	ND	ND	ND	PASS
T51	304+305+307 [△]	ND	ND	ND	ND	PASS
T52	306+314+317+318+319 [△]	ND	ND	ND	ND	PASS
T53	308+309+311 [△]	ND	ND	ND	ND	PASS
T54	310+312+371 [△]	ND	ND	ND	ND	PASS
T55	315+316+326 [△]	ND	ND	ND	ND	PASS
T56	325+330+332+335+336 [△]	ND	ND	ND	ND	PASS
T57	327+328+337 [△]	ND	ND	ND	ND	PASS
T58	339+345+346+355+356 [△]	ND	ND	ND	ND	PASS
T59	340+341+342 [△]	ND	ND	ND	ND	PASS
T60	343+350+351 [△]	ND	ND	ND	ND	PASS
T61	352+353+357 [△]	ND	ND	ND	ND	PASS
T62	362+364+367+368+374 [△]	ND	ND	ND	ND	PASS
T63	363+365+366 [△]	ND	ND	ND	ND	PASS
T64	372+424+428 [△]	ND	ND	ND	ND	PASS



Serial No.	Part No.	Results				Conclusion
		DBP	BBP	DEHP	DIBP	
T65	373+378+380 [△]	ND	ND	ND	ND	PASS
T66	375+376+381+385+403 [△]	ND	ND	ND	ND	PASS
T67	379+388+390+396+397 [△]	ND	ND	ND	ND	PASS
T68	382+383+384 [△]	ND	ND	ND	ND	PASS
T69	386+389 [△]	ND	ND	ND	ND	PASS
T70	391+399+400 [△]	ND	ND	ND	ND	PASS
T71	398+402+406+407+409 [△]	ND	ND	ND	ND	PASS
T72	401+405 [△]	ND	ND	ND	ND	PASS
T73	410+412+416+426 [△]	ND	ND	ND	ND	PASS
T74	415+417 [△]	ND	ND	ND	ND	PASS
T75	418+419+420 [△]	ND	ND	ND	ND	PASS
T76	421+422+423 [△]	ND	ND	ND	ND	PASS
T77	430+440+448 [△]	ND	ND	ND	ND	PASS
T78	431+435+436+445+446 [△]	ND	ND	ND	ND	PASS
T79	442+447 [△]	ND	ND	ND	ND	PASS
T80	449	ND	ND	ND	ND	PASS
T81	450+452 [△]	ND	ND	ND	ND	PASS
T82	451	ND	ND	ND	ND	PASS
T83	91	ND	ND	ND	ND	PASS
T84	414	ND	ND	ND	ND	PASS
T85	387	ND	ND	ND	ND	PASS
T86	411	ND	ND	414	ND	PASS



Serial No.	Part No.	Results				Conclusion
		DBP	BBP	DEHP	DIBP	
T87	413	ND	ND	ND	ND	PASS
T88	226	ND	ND	ND	ND	PASS
T89	227	ND	ND	ND	ND	PASS

Notes:

(1) EDX test:

- (a) For the restricted substances PBBs/PBDEs, the EDX results show the total Br content; for the restricted substance Cr (VI), the EDX results show the total Cr content;
- (b) Results were obtained by EDX for primary screening, and further chemical testing are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013;

Unit: mg/kg

Elements	Polymers	Metals	Composite material
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	---	$BL \leq (250-3\sigma) < X$

(c) BL=Below Limit by EDX analysis, OL=Over Limit by EDX analysis, IN=Inconclusive, LOD = The limit of detection, "----" = Not regulated, X=need further chemical analysis;

(d) For composite material, the EDX results may be different to the actual content in the sample.

(2) Chemical test and Regulatory limits:

Test Items	CAS No.	MDL	Limit (by weight in homogeneous materials)
Pb	---	2 mg/kg	1000 mg/kg
Cd	---	2 mg/kg	100 mg/kg
Hg	---	2 mg/kg	1000 mg/kg
Cr (VI)	Metal	0.10 $\mu\text{g}/\text{cm}^2$	1000 mg/kg
	Others	8 mg/kg	
PBBs	---	5 mg/kg (Each)	1000 mg/kg (Sum)
PBDEs	---	5 mg/kg (Each)	1000 mg/kg (Sum)
Dibutyl phthalate (DBP)	(84-74-2)	50 mg/kg	1000 mg/kg
Benzyl butyl phthalate (BBP)	(85-68-7)	50 mg/kg	1000 mg/kg
Di(2-ethylhexyl) phthalate (DEHP)	(117-81-7)	50 mg/kg	1000 mg/kg
Di-iso-butyl phthalate (DIBP)	(84-69-5)	50 mg/kg	1000 mg/kg

(3) "#" = According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 7(c)-I is reiterated here "Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic capacitors, e. g. piezoelectronic devices, or in a glass or ceramic



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matrix compound". Test Item(s) was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.

- (4) According to IEC 62321-7-1:2015, determined of Cr (VI) on metal sample by boiling water extraction test method, and result is shown as Positive/Negative.

Boiling water extraction:

Negative = Absence of Cr (VI) coating, the detected concentration in boiling water extraction solution is less than 0.10ug/cm².

Positive = Presence of Cr (VI) coating, the detected concentration in boiling water extraction solution is greater than 0.13ug/cm².

When the concentration of Cr (VI) is between 0.10ug /cm² and 0.13ug /cm², it is not possible to directly determine whether Cr (VI) is detected.

Because different individuals may influence the determination results of the surface of the sample differences.

- (5) Part No.91, No.349, No.387, No.413 and No.414 of sample was (were) received on January 2, 2025;
Part No.226 and No.227 of sample was (were) received on January 9, 2025;

(6) ND = Not Detected;

(7) mg/kg = milligram per kilogram = ppm (parts per million);

(8) µg/cm² = microgram per square centimetre;

(9) MDL = Method Detection Limit;

(10)“---” = Not regulated;

(11)N/A = Not Applicable;

(12)△= As client's requirement, the testing was conducted based on mixed components. Results are calculated by the minimum weight of mixed components.

WALTEK



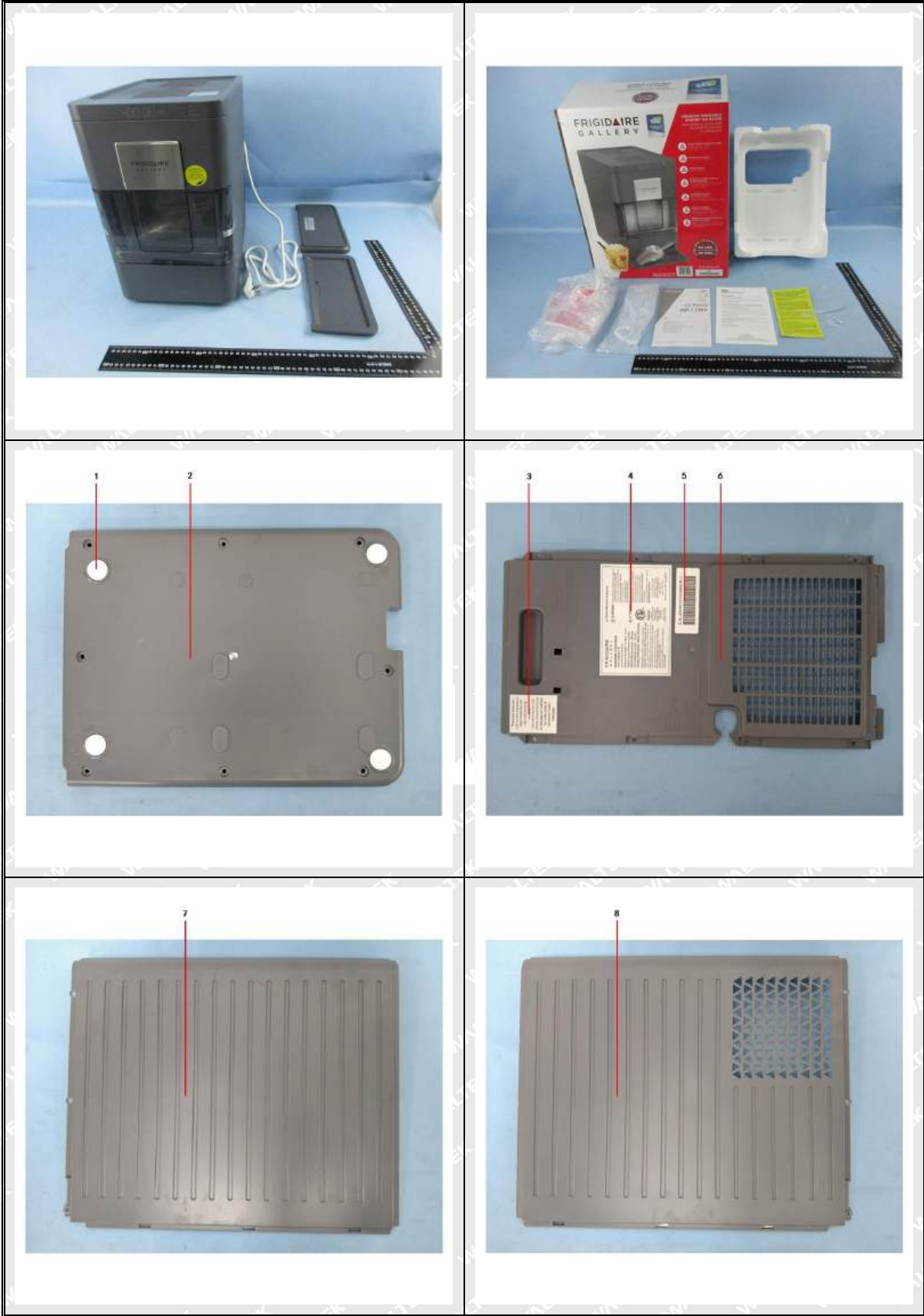
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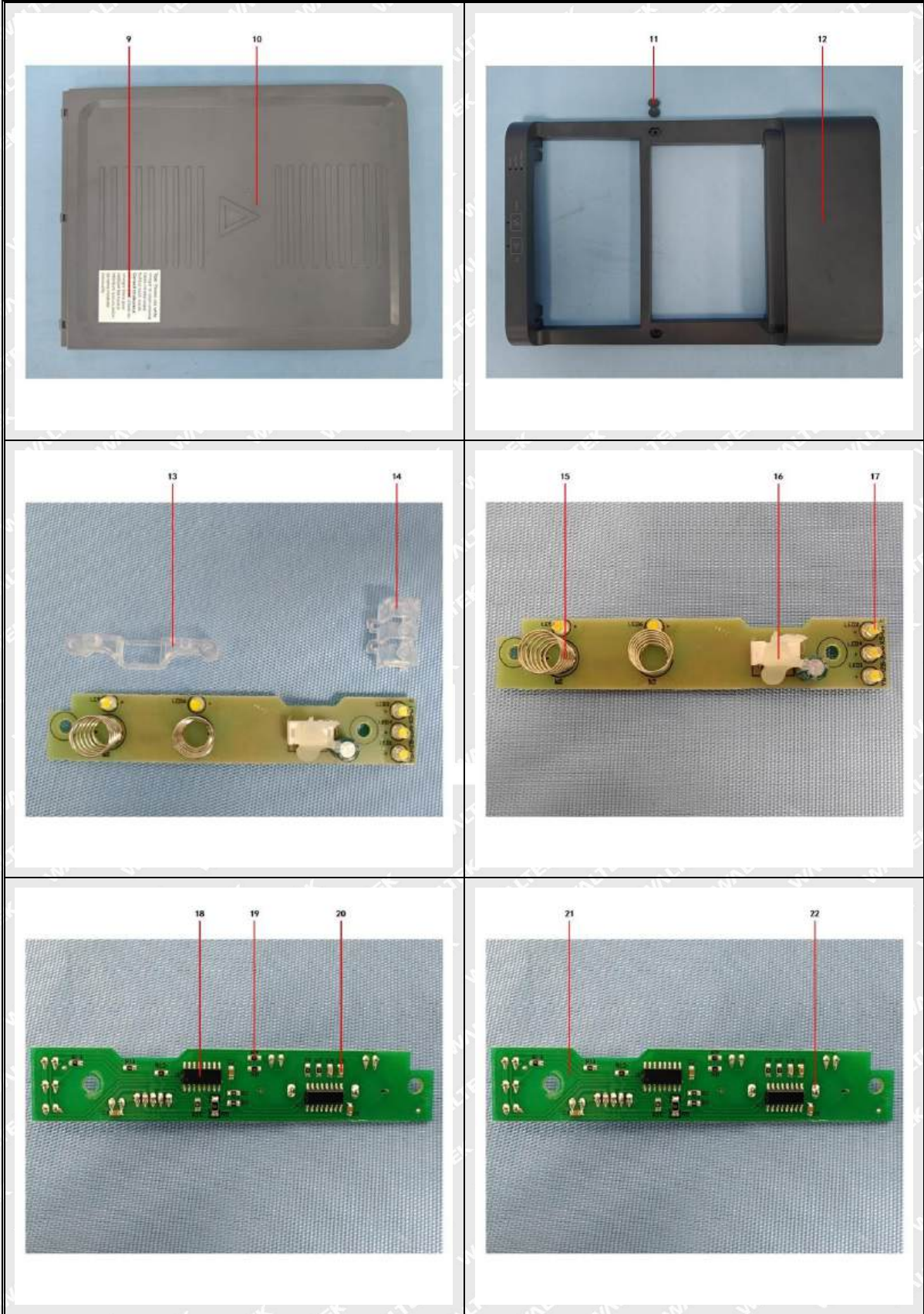


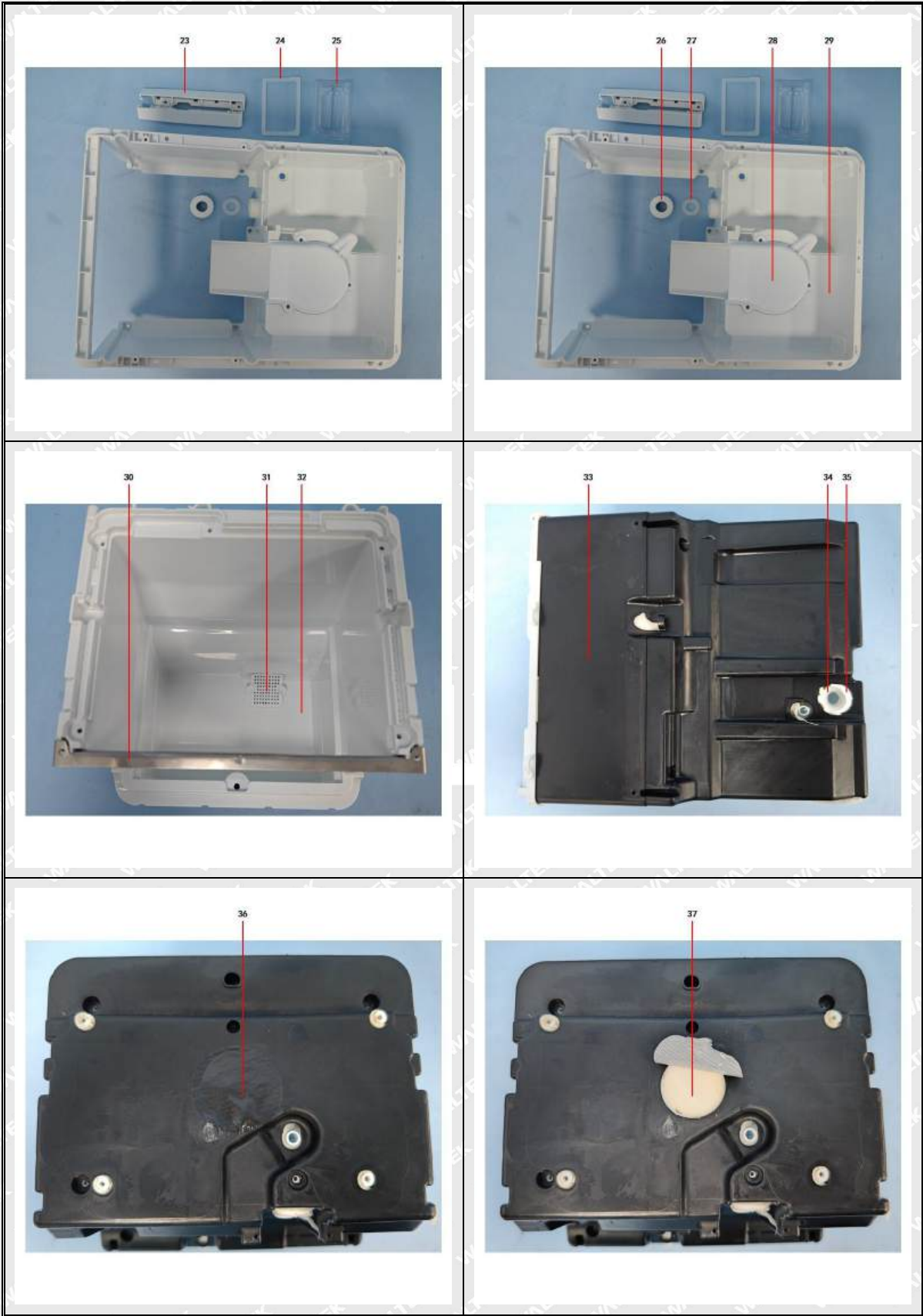
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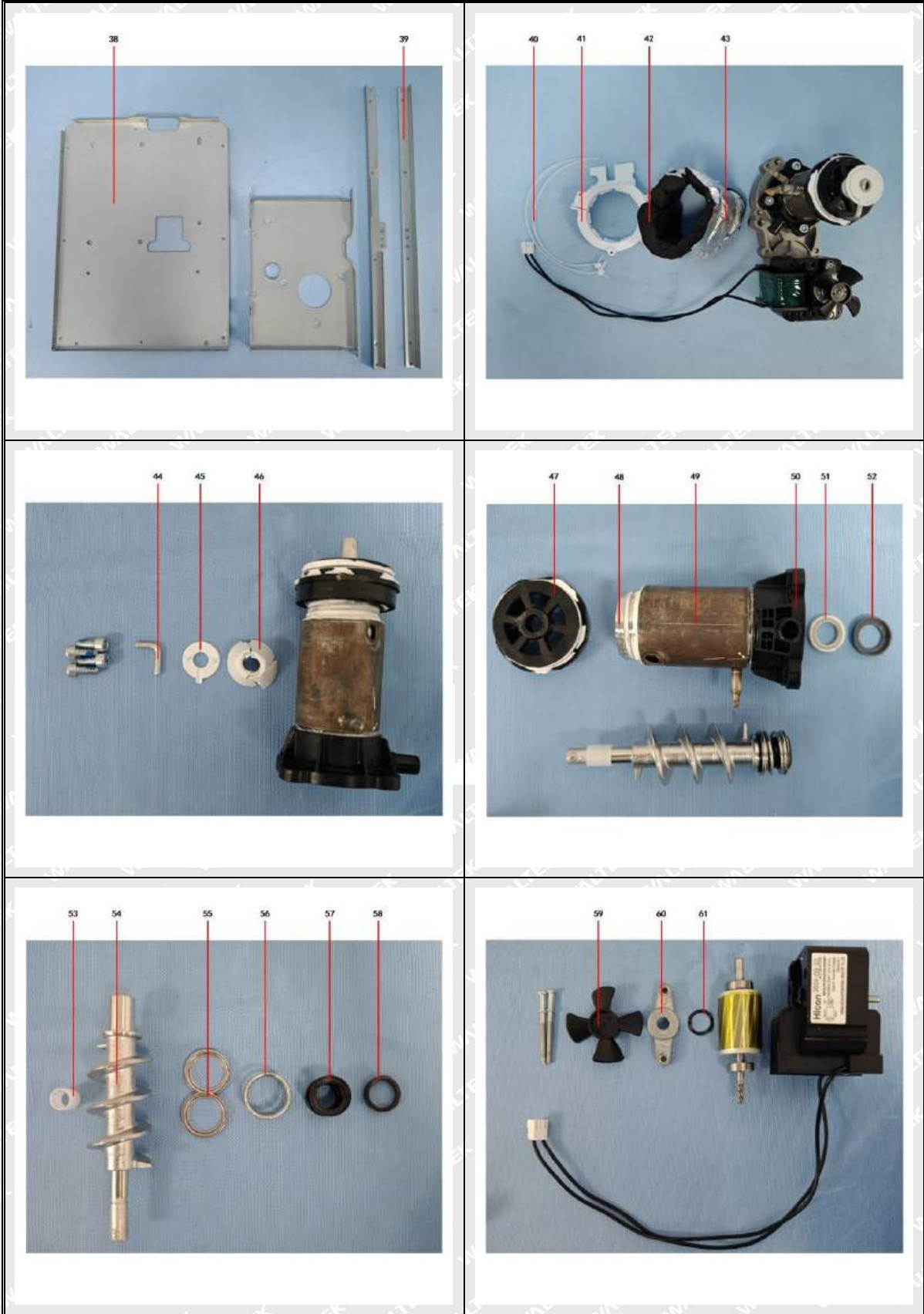


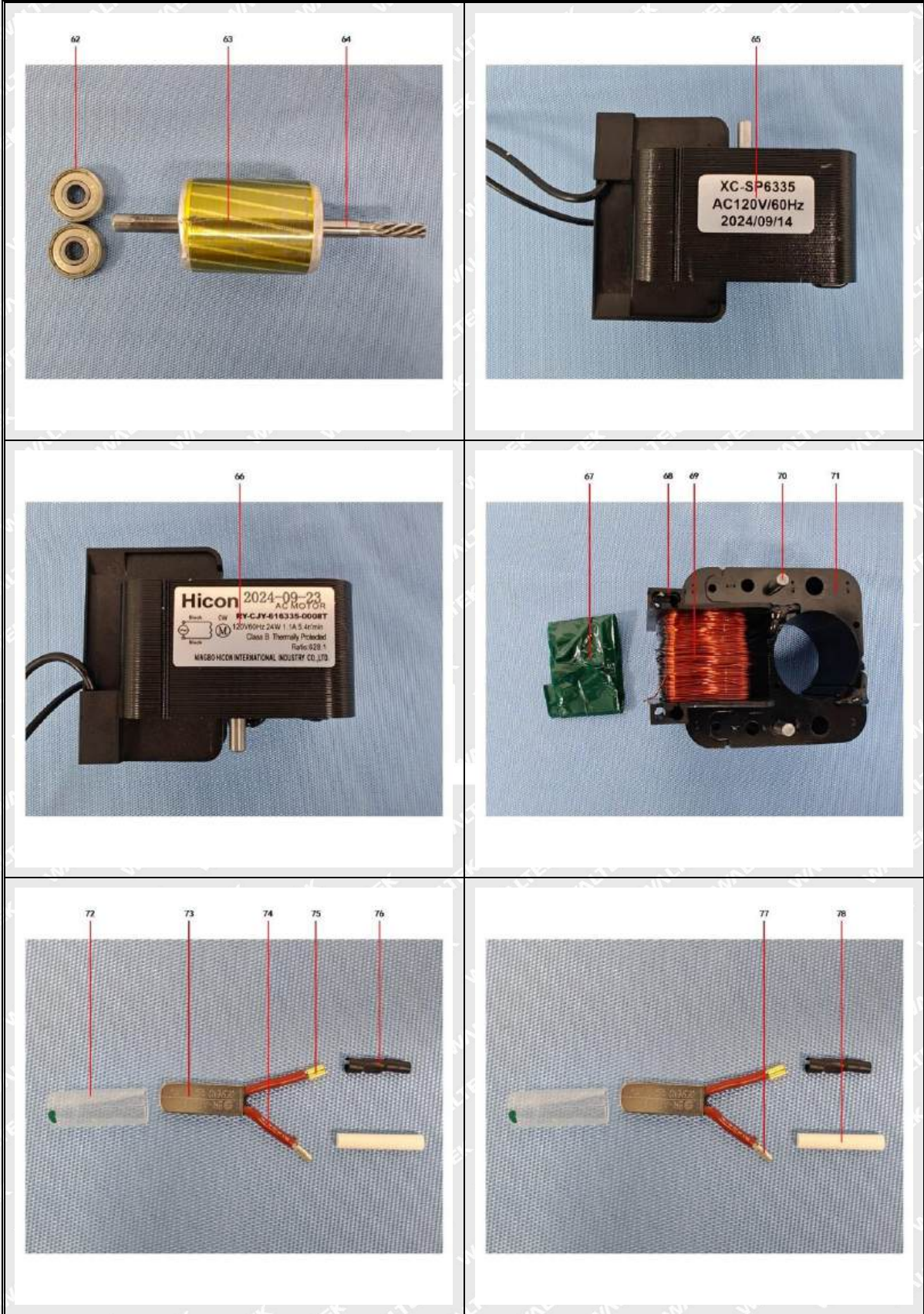


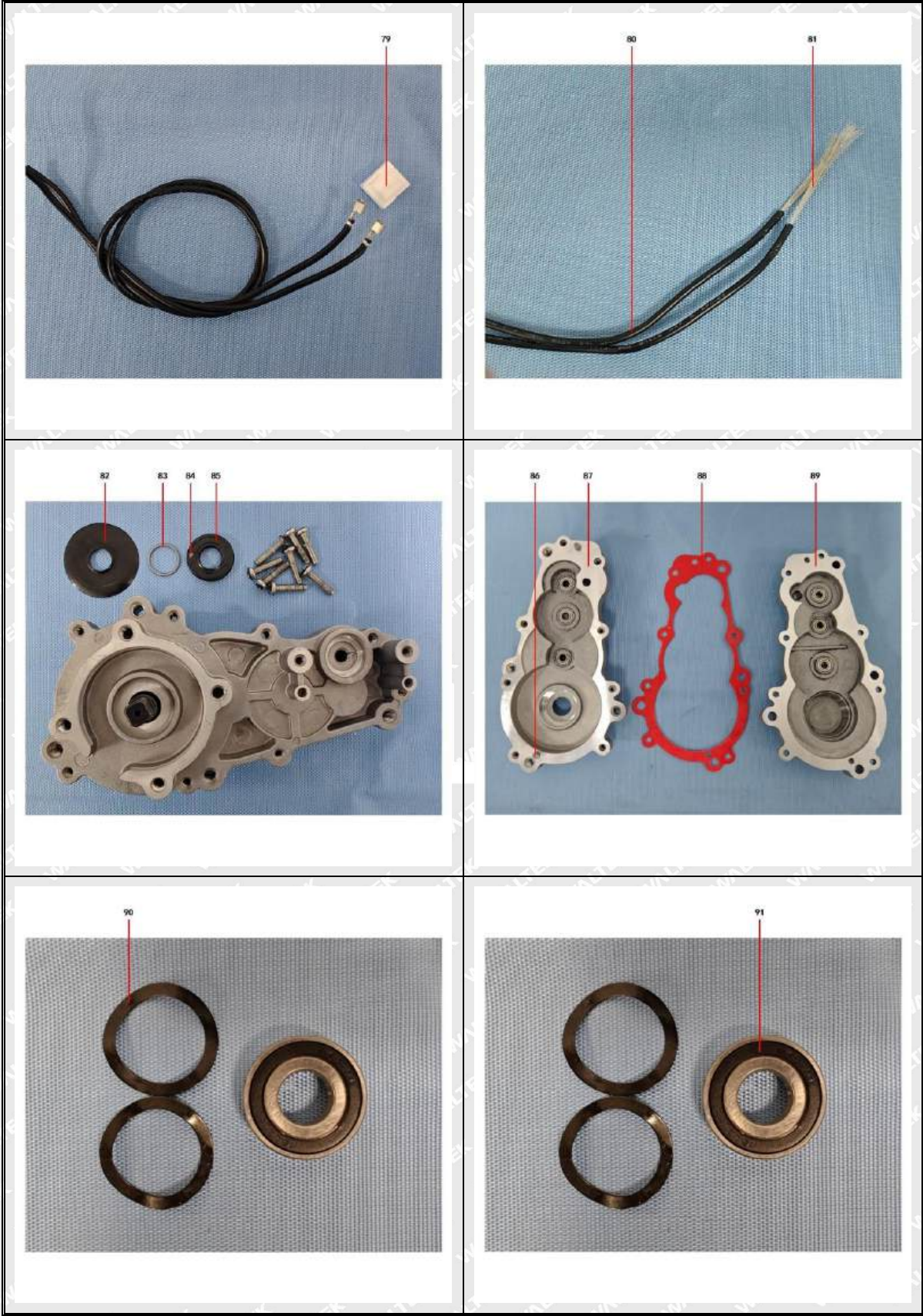


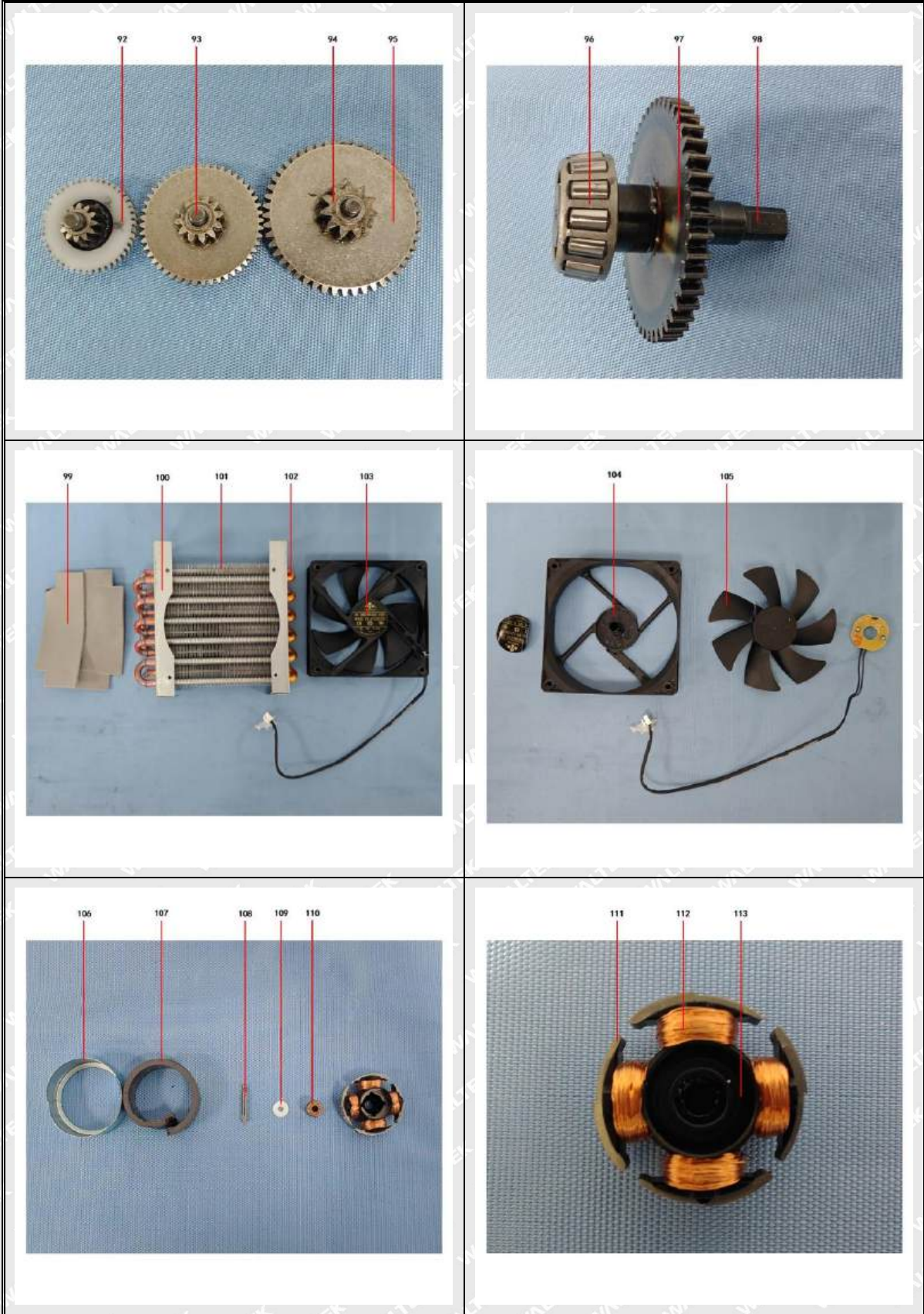


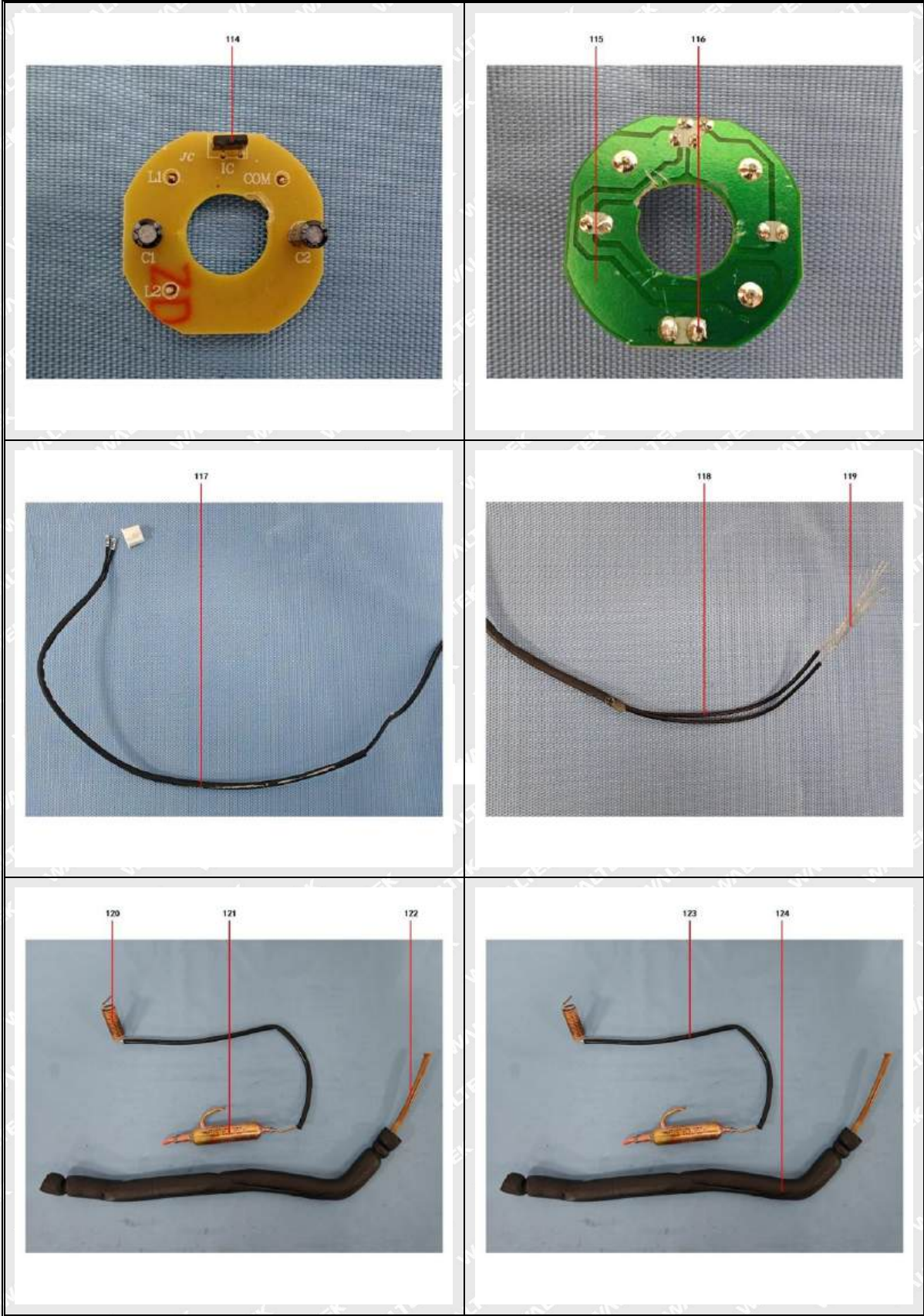


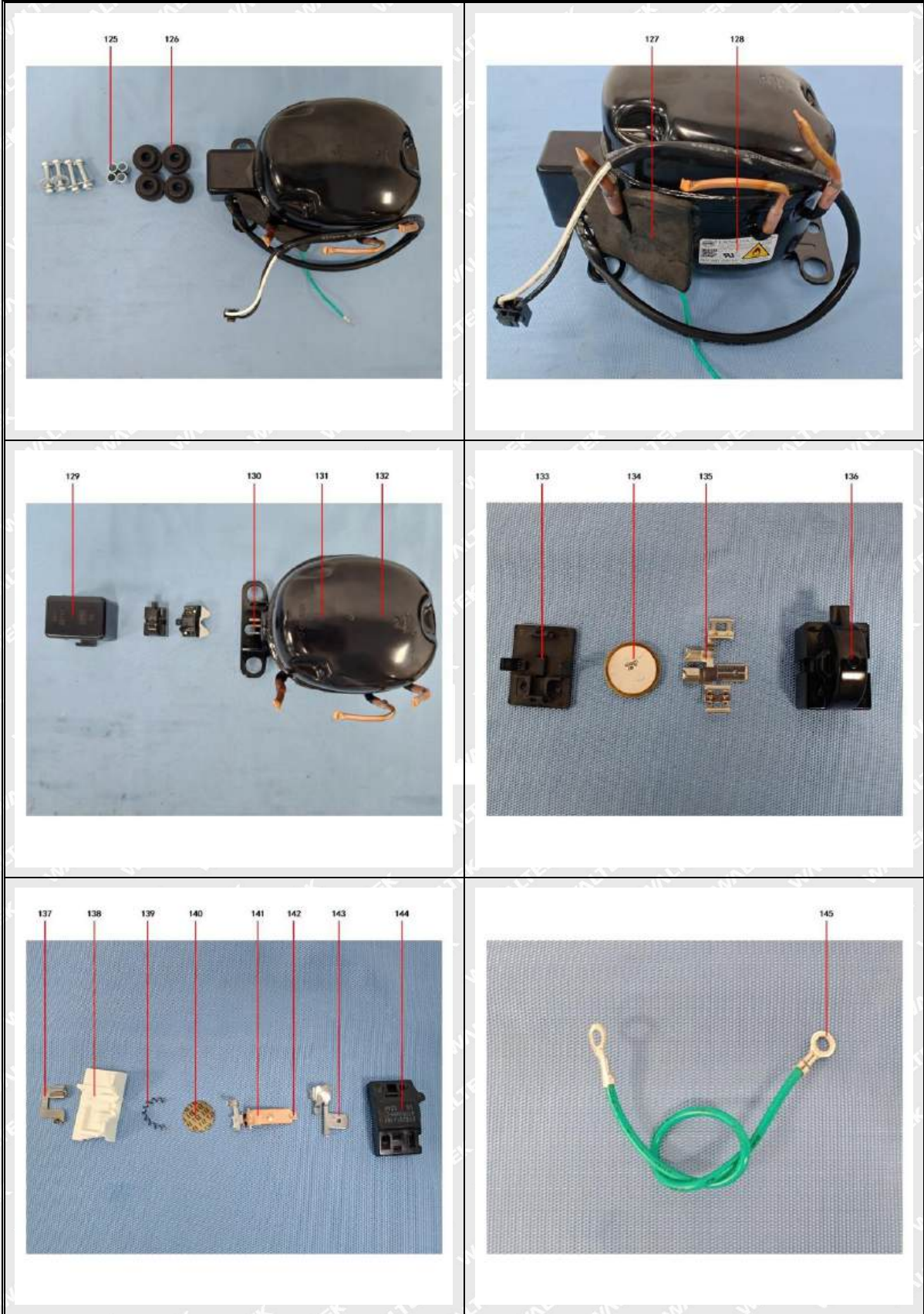


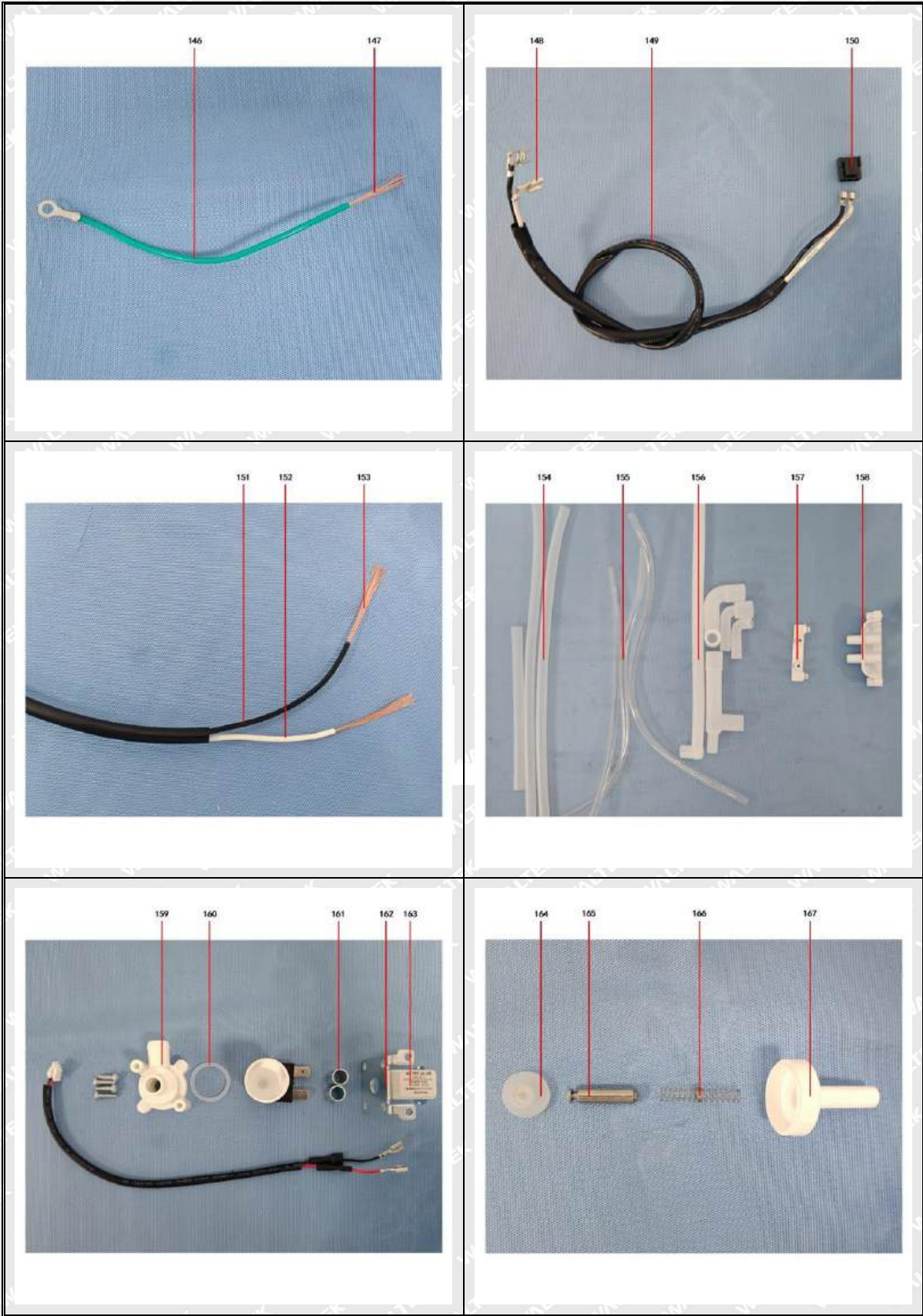


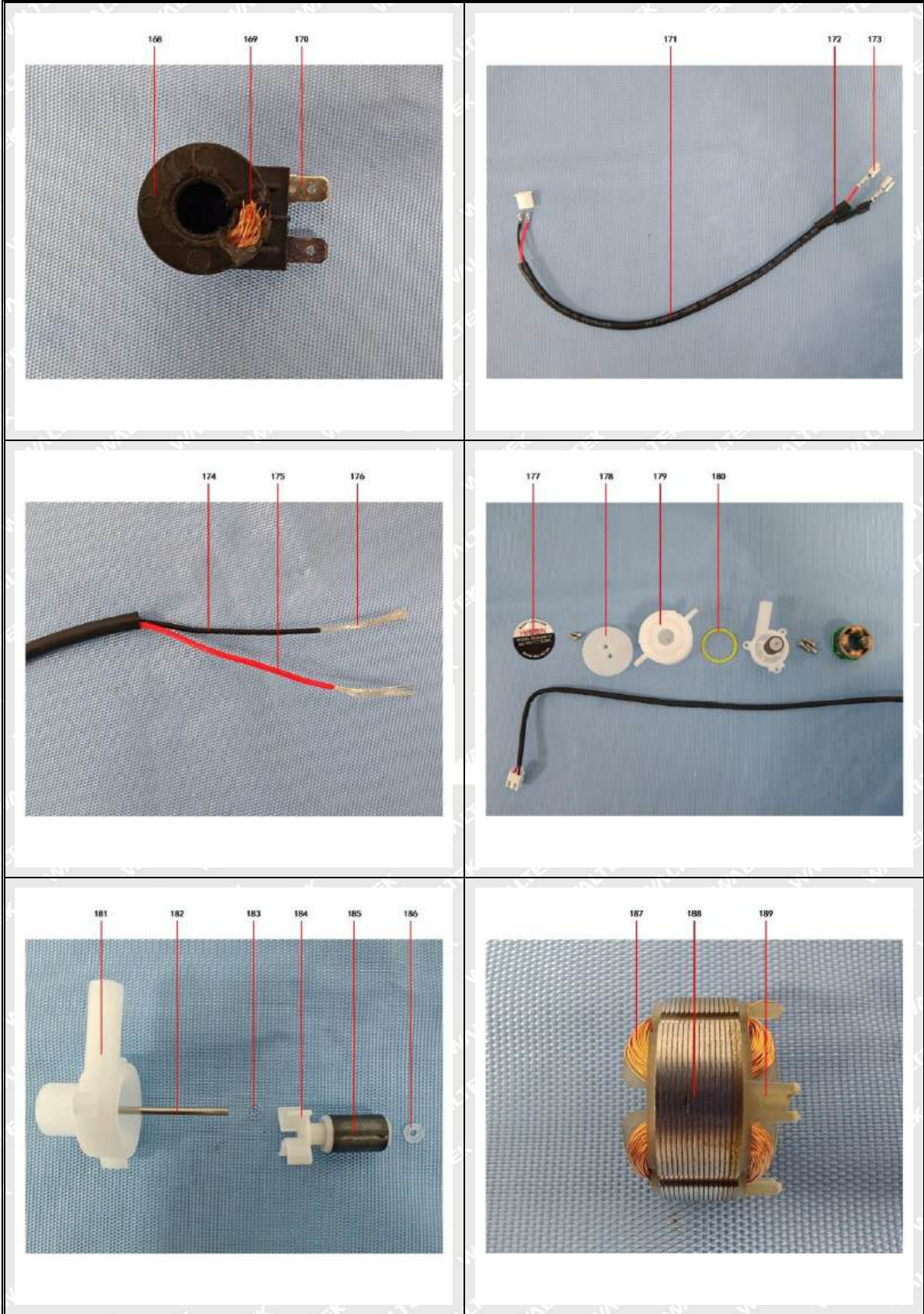


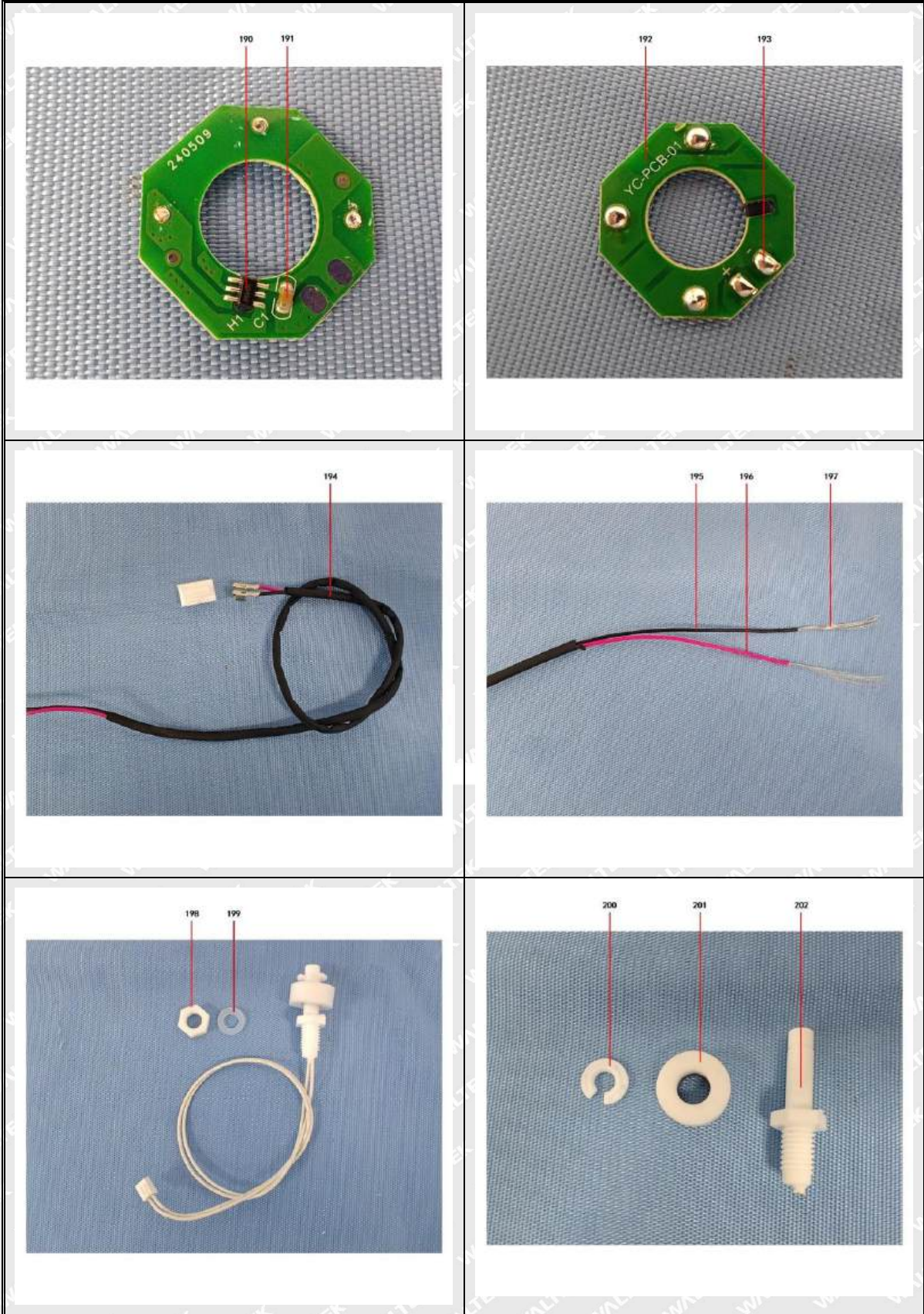


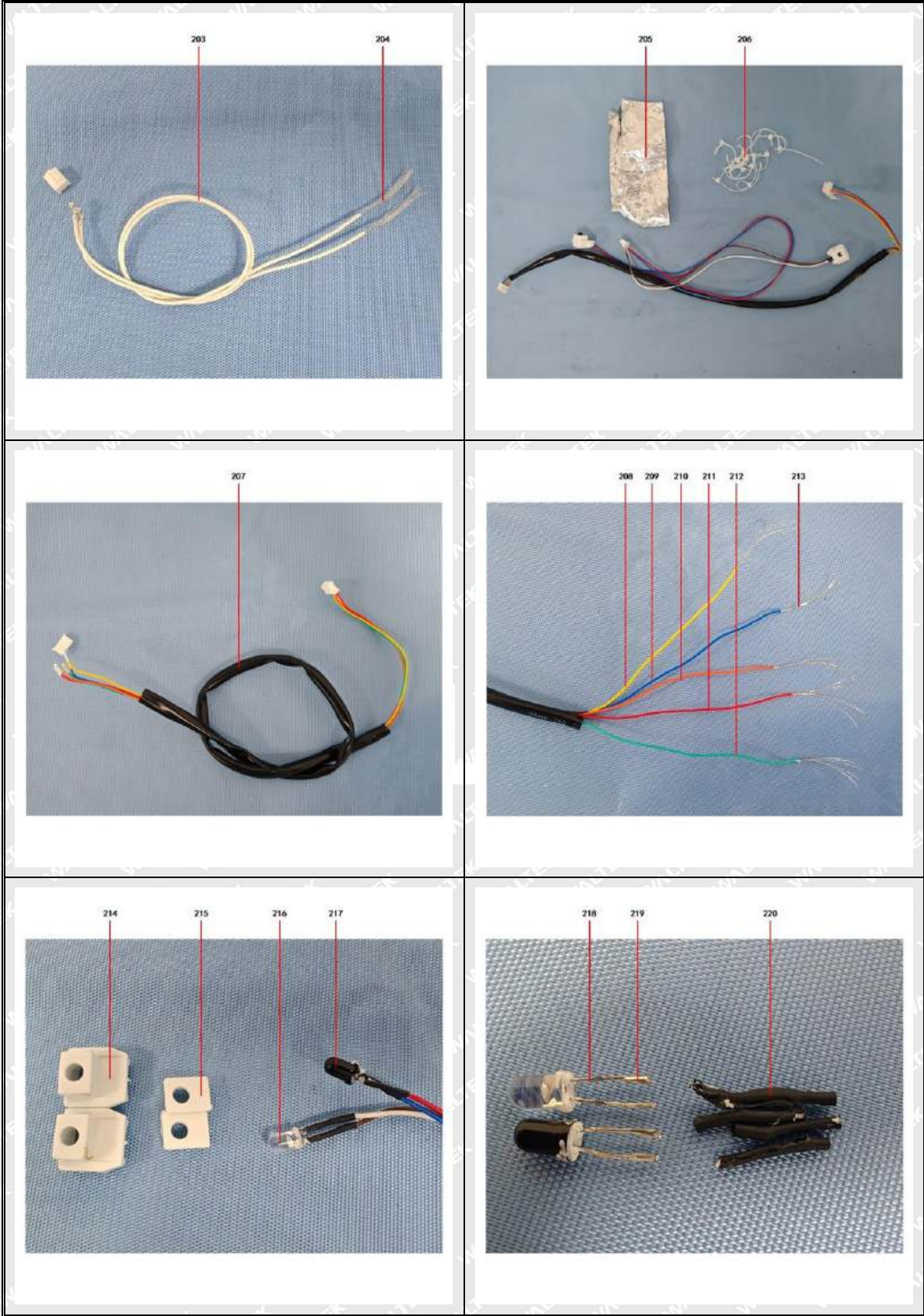


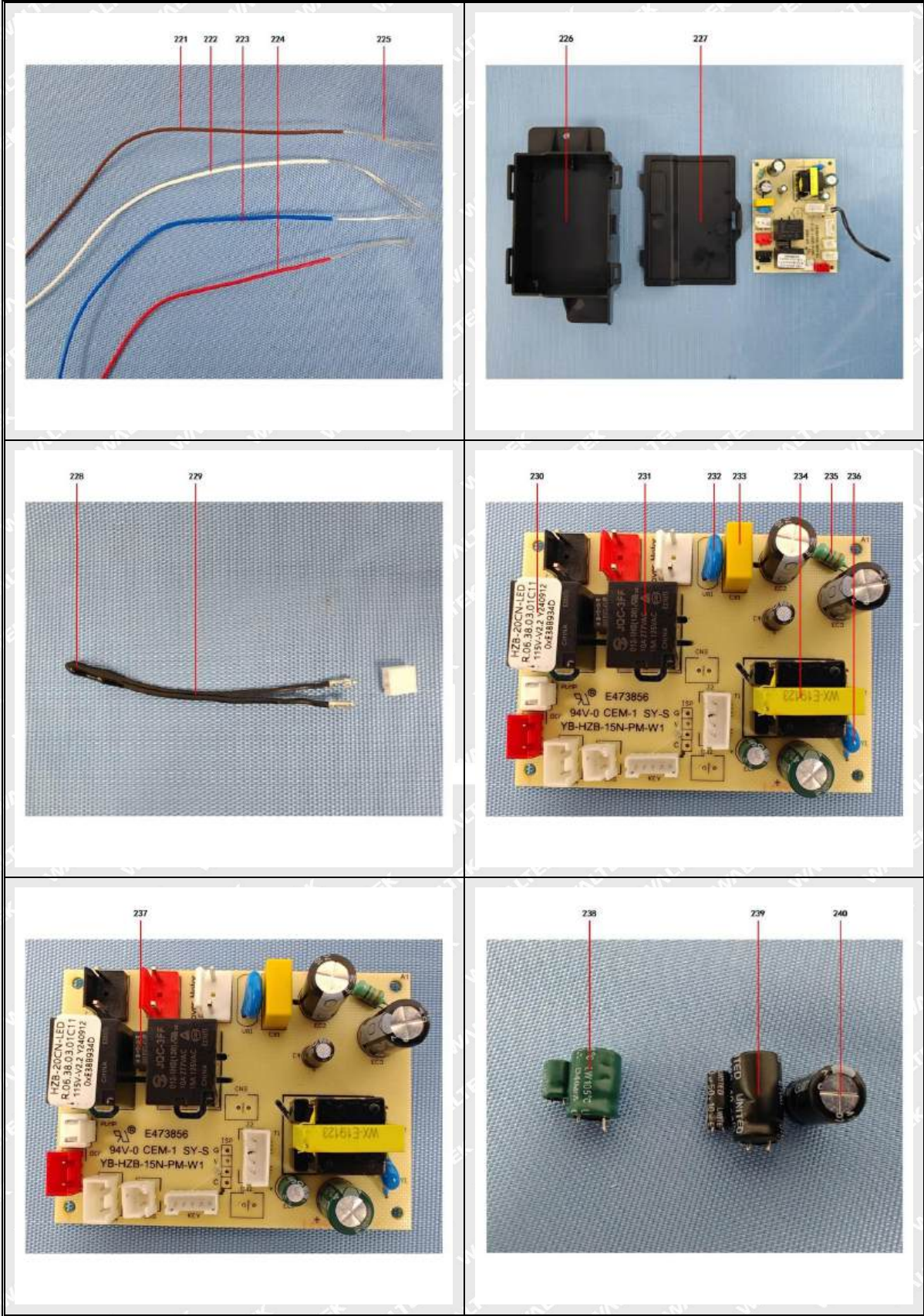


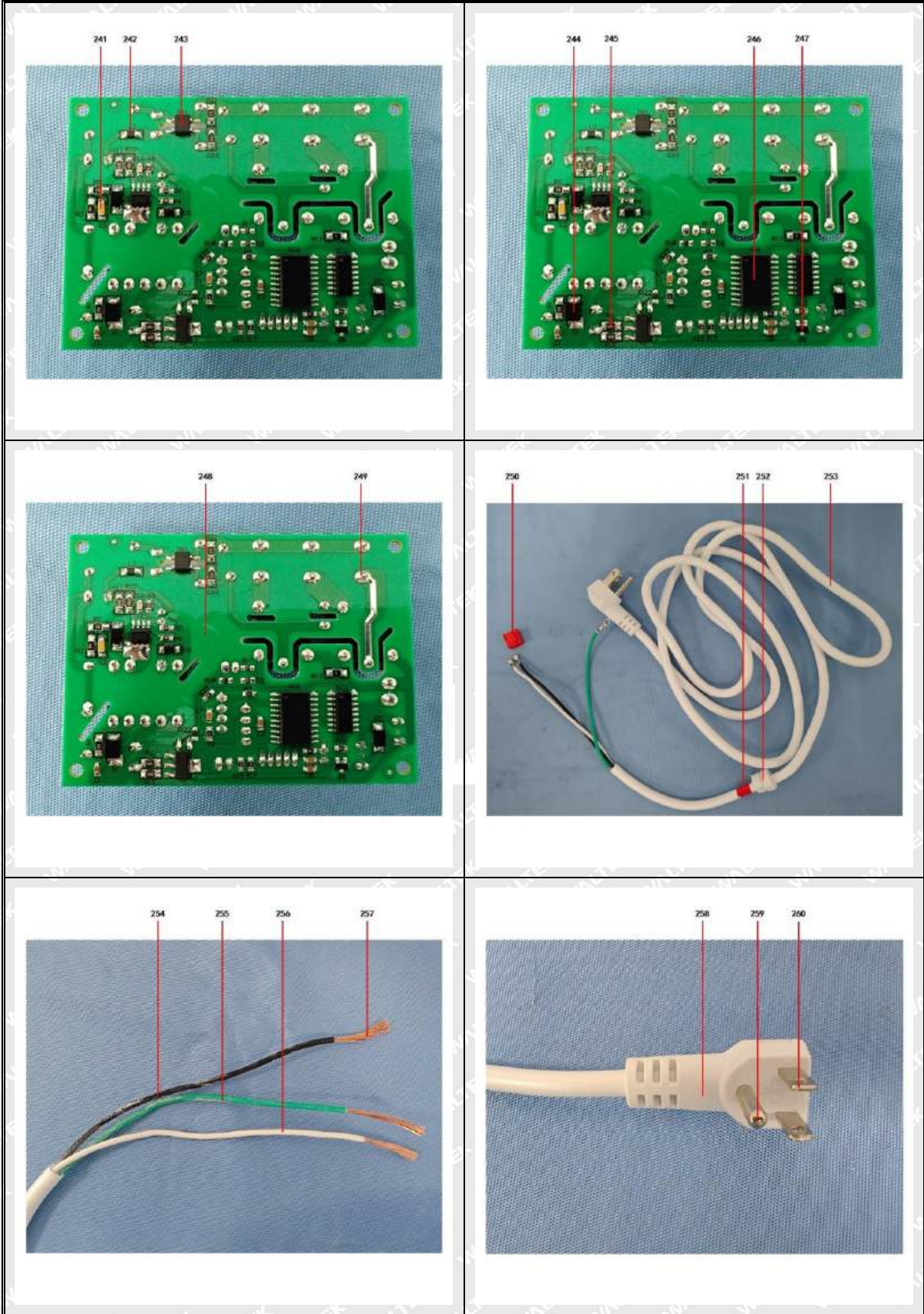


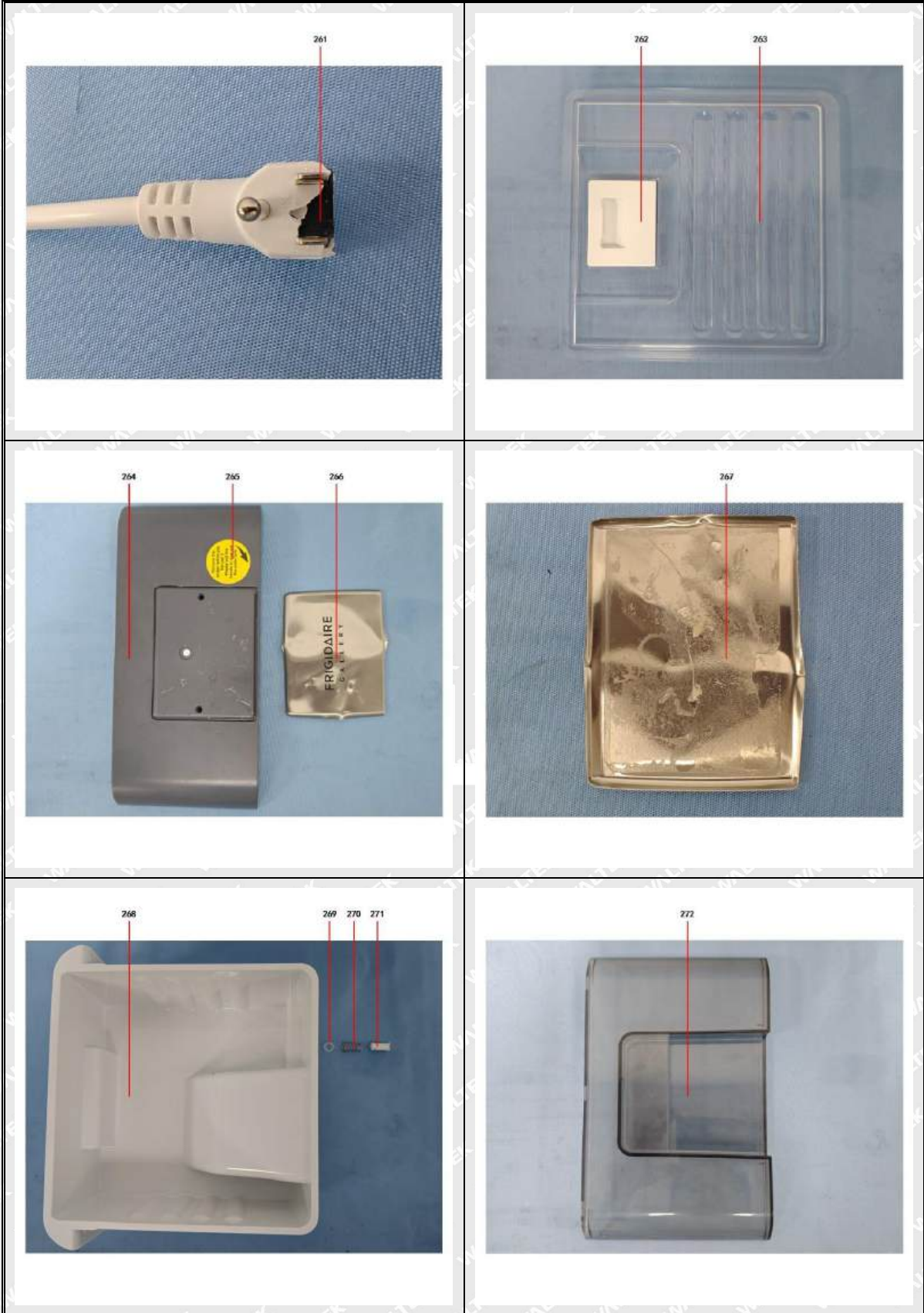


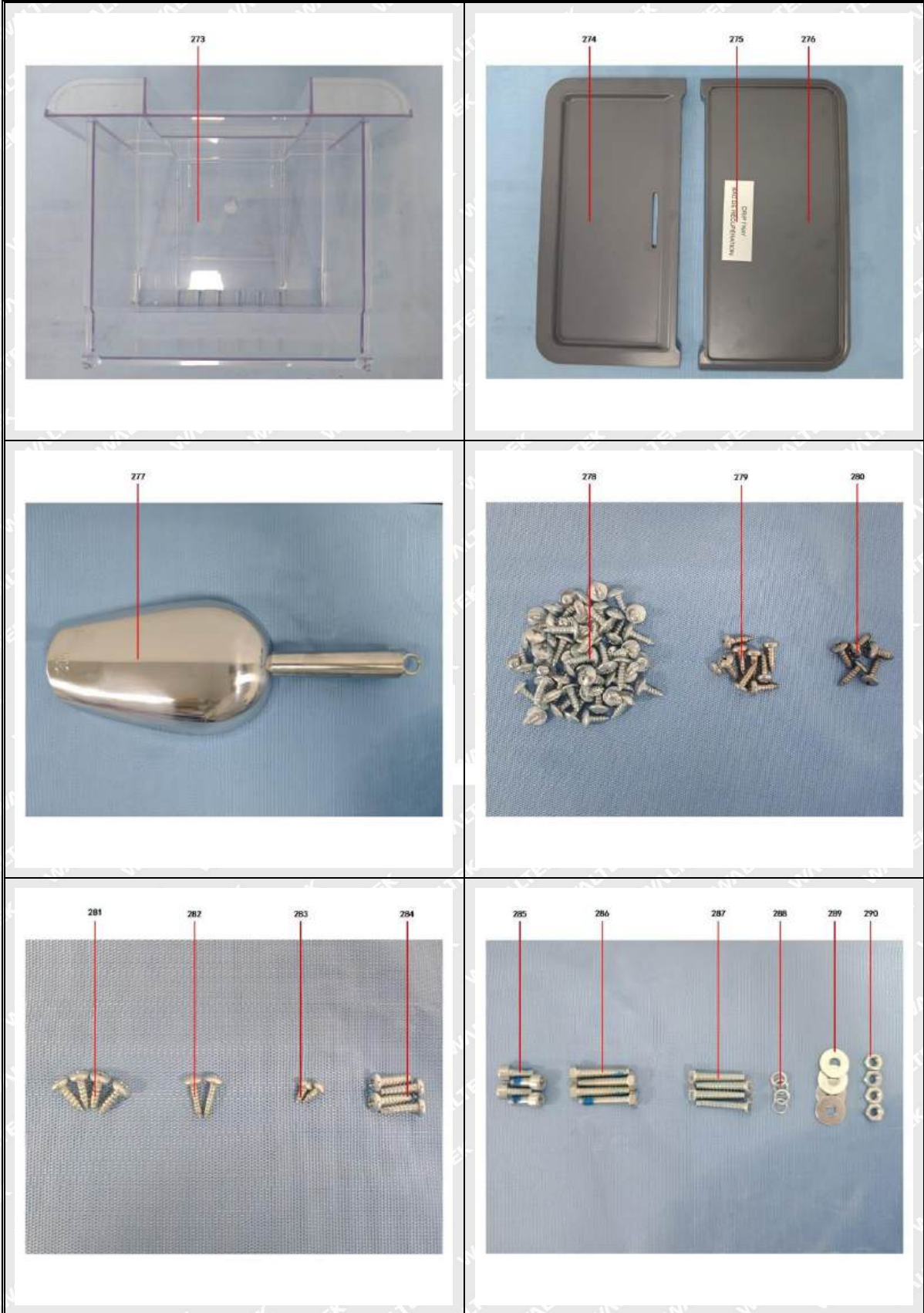


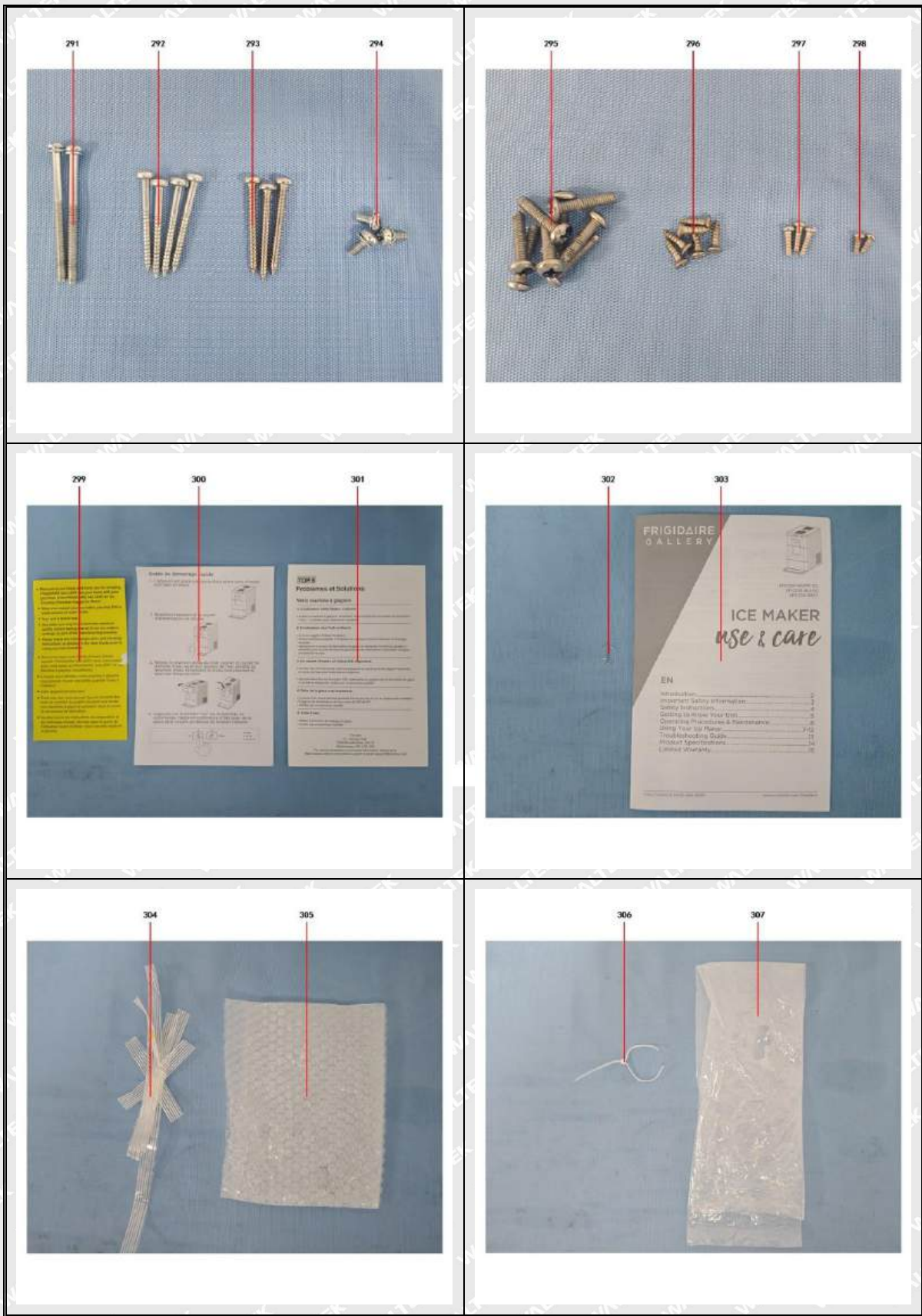


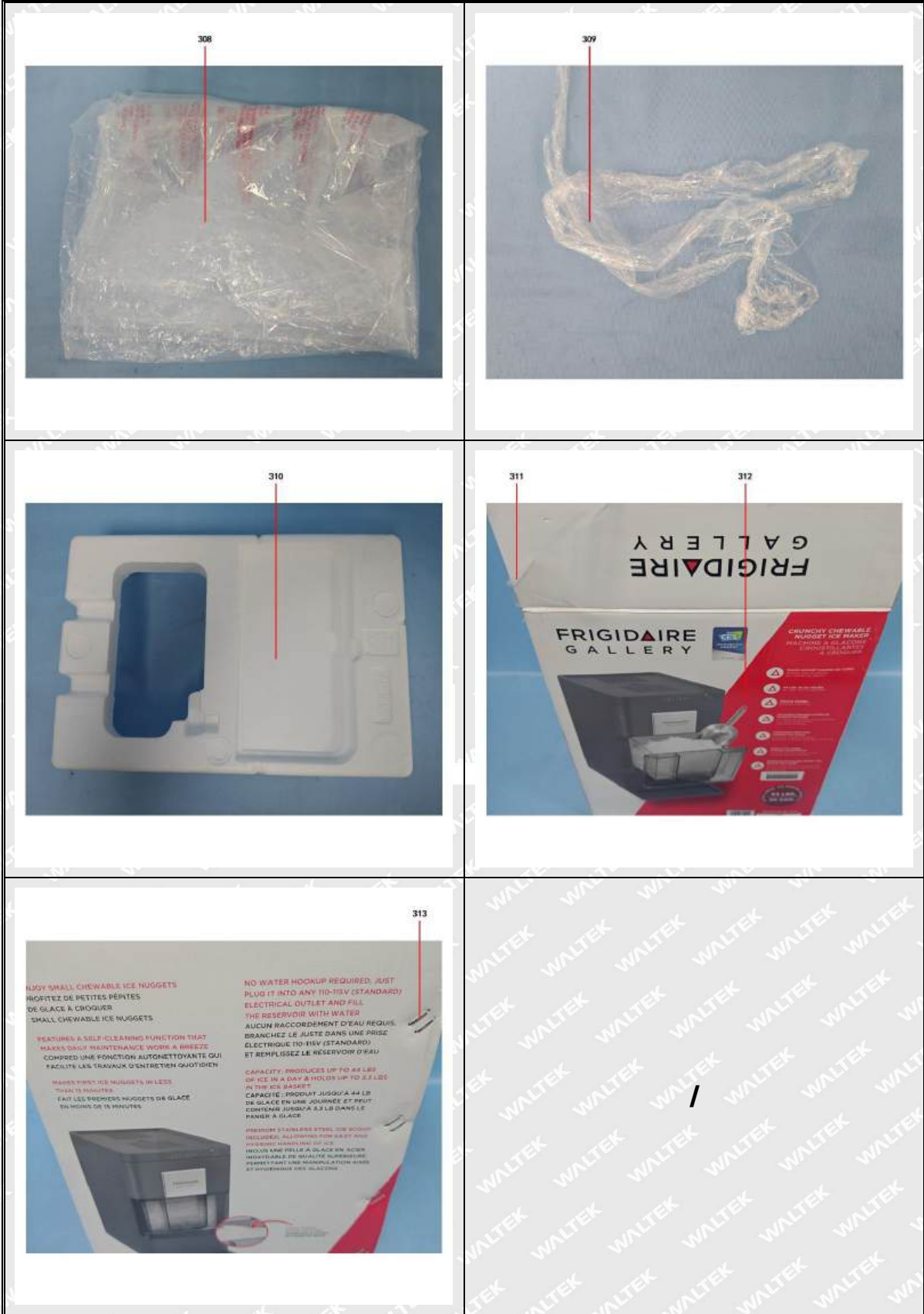


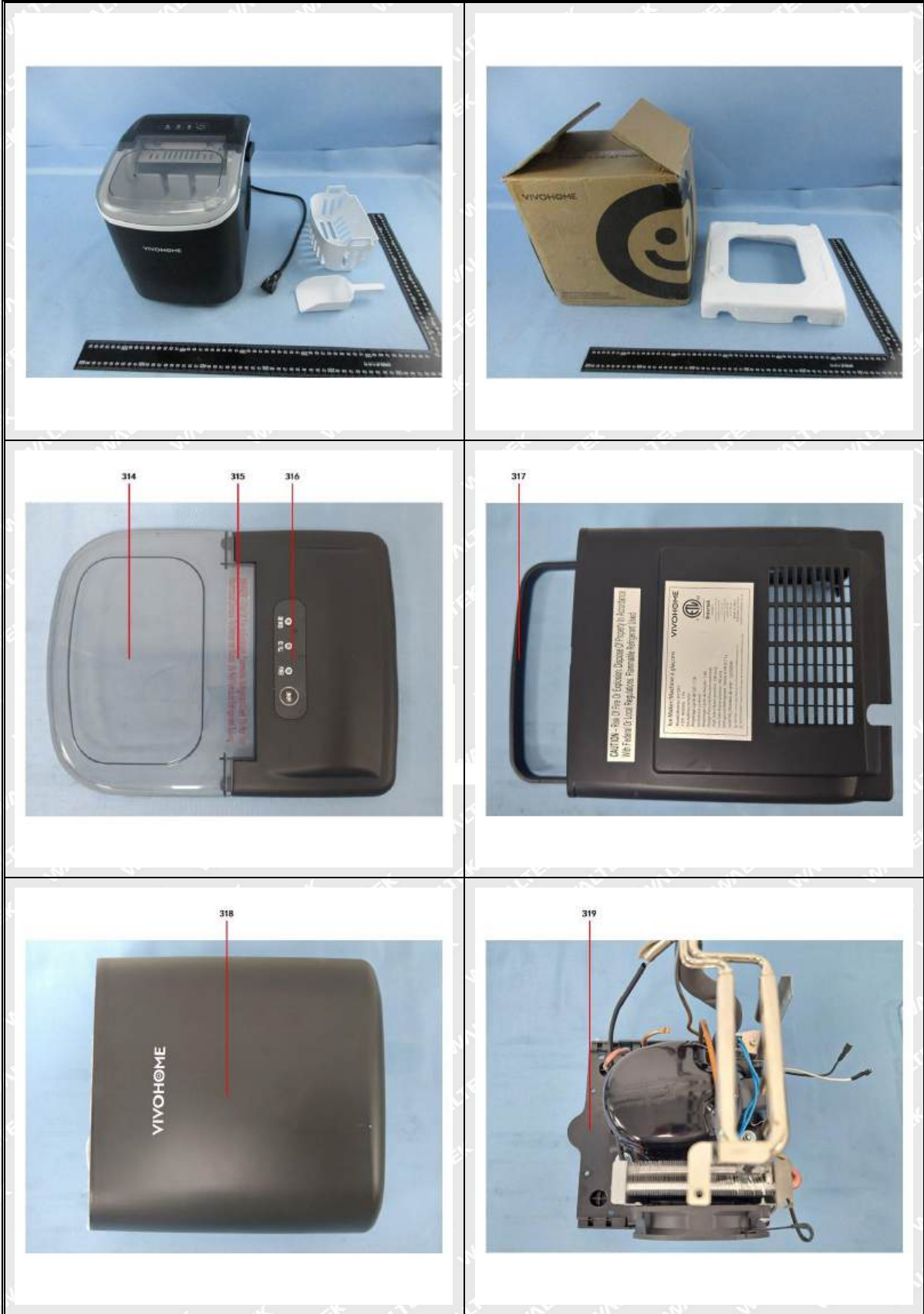


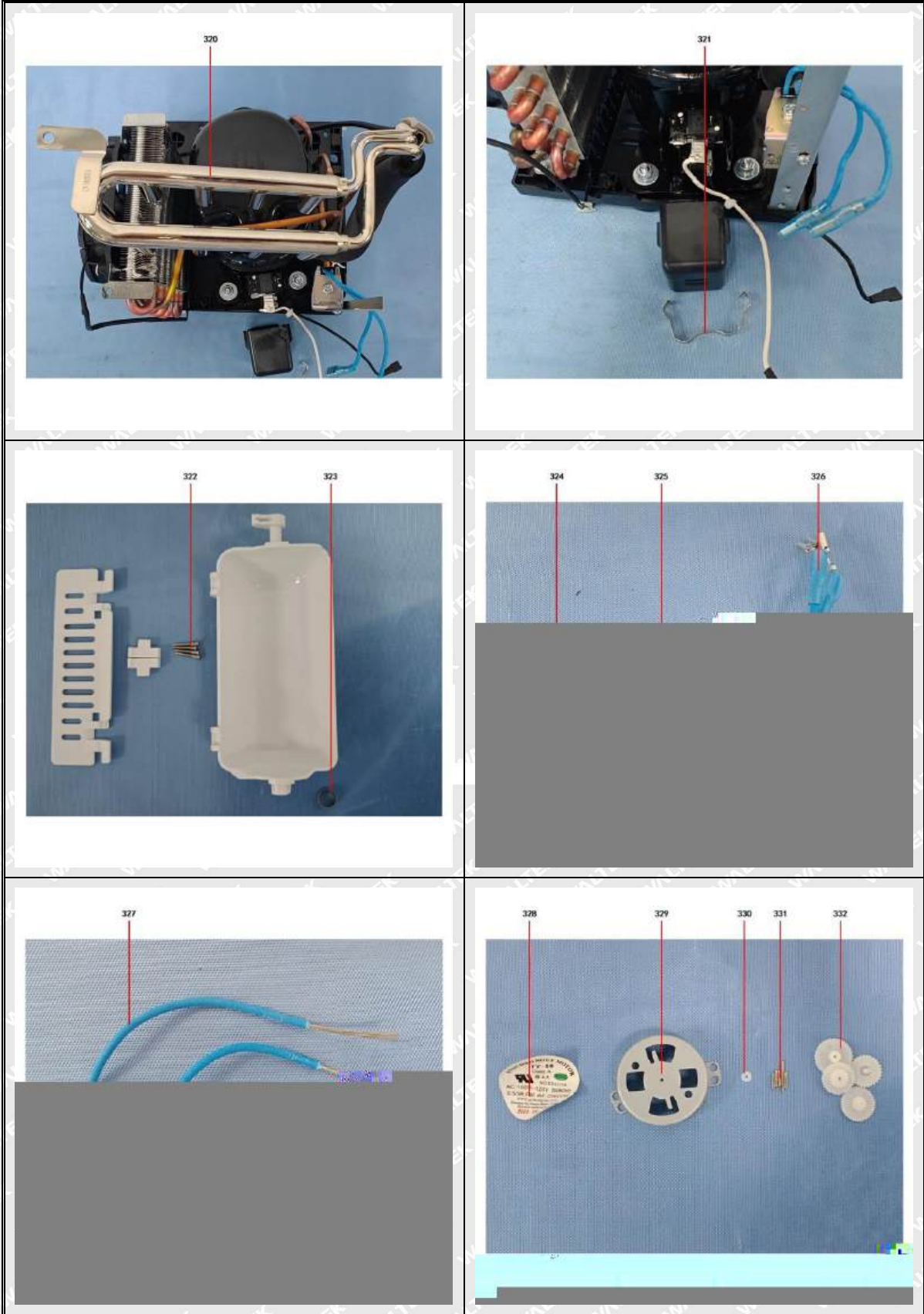


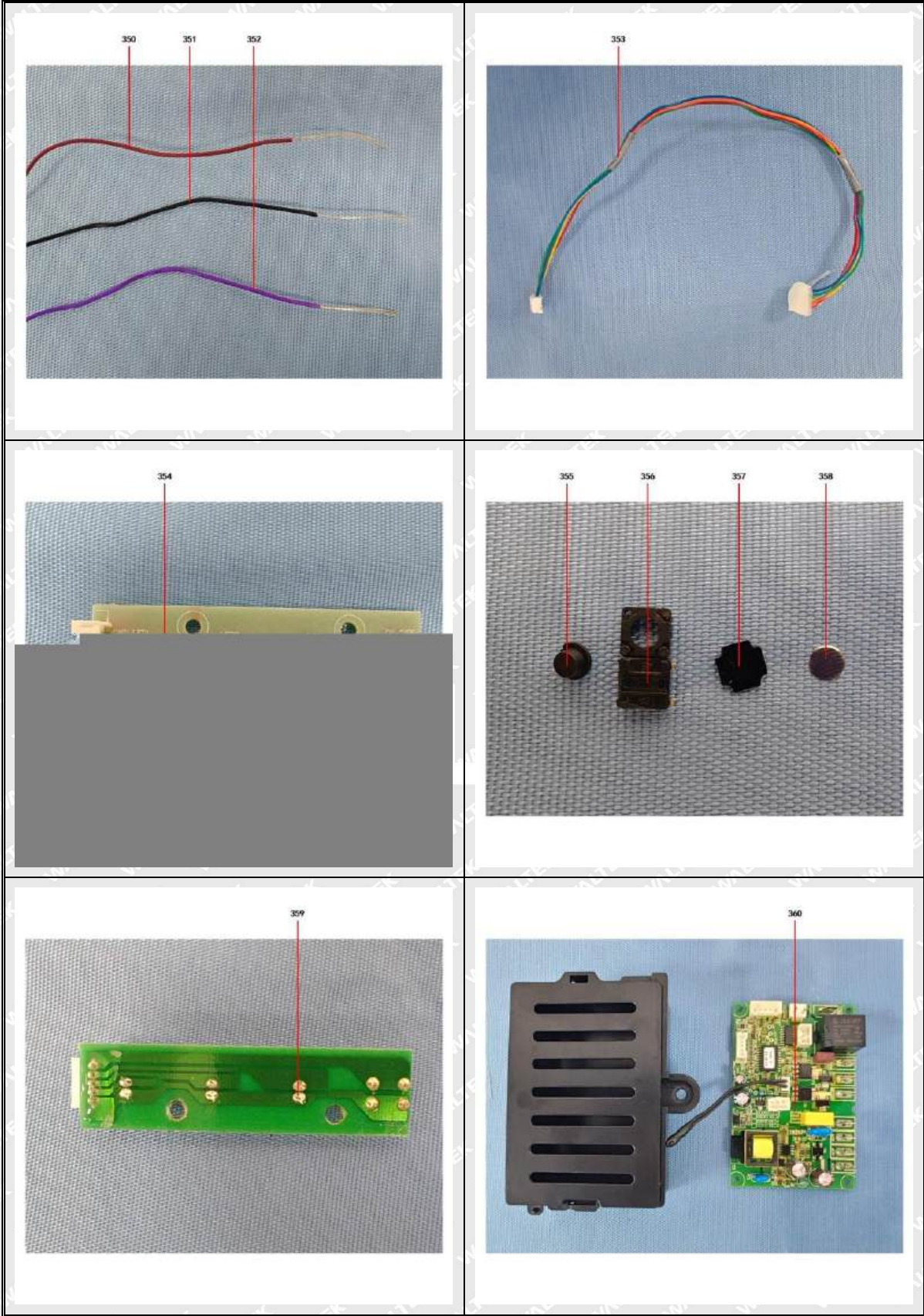


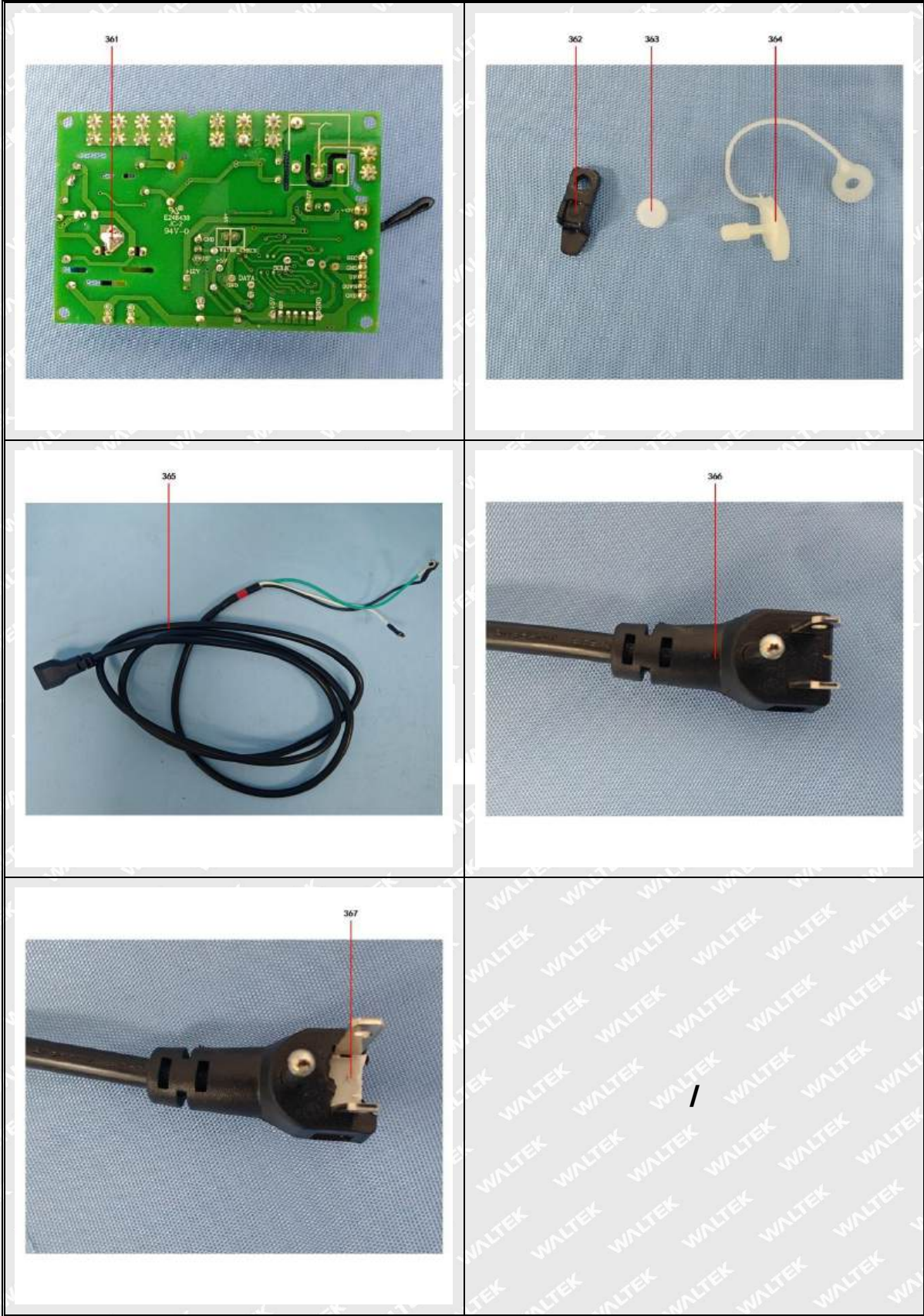




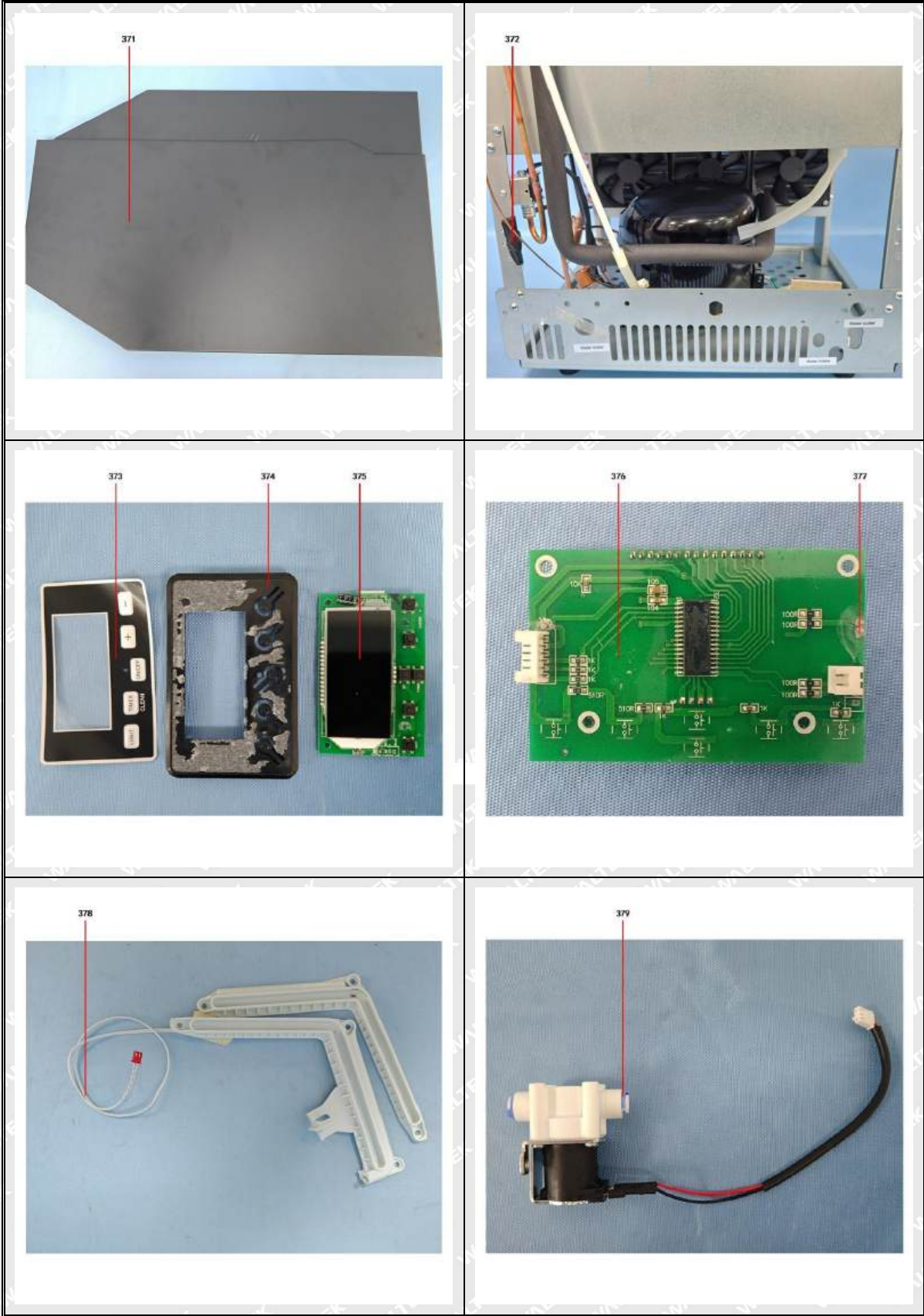


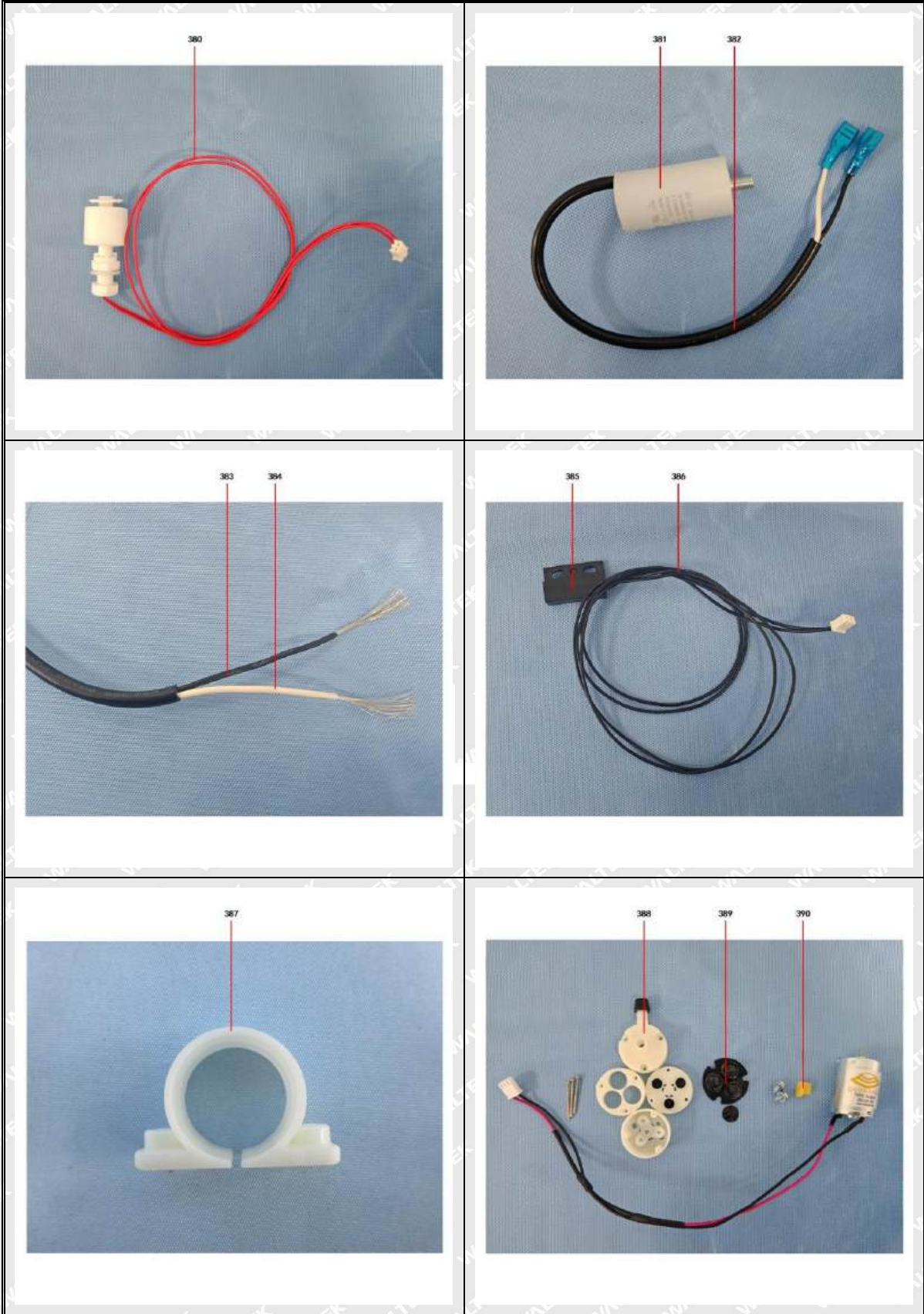


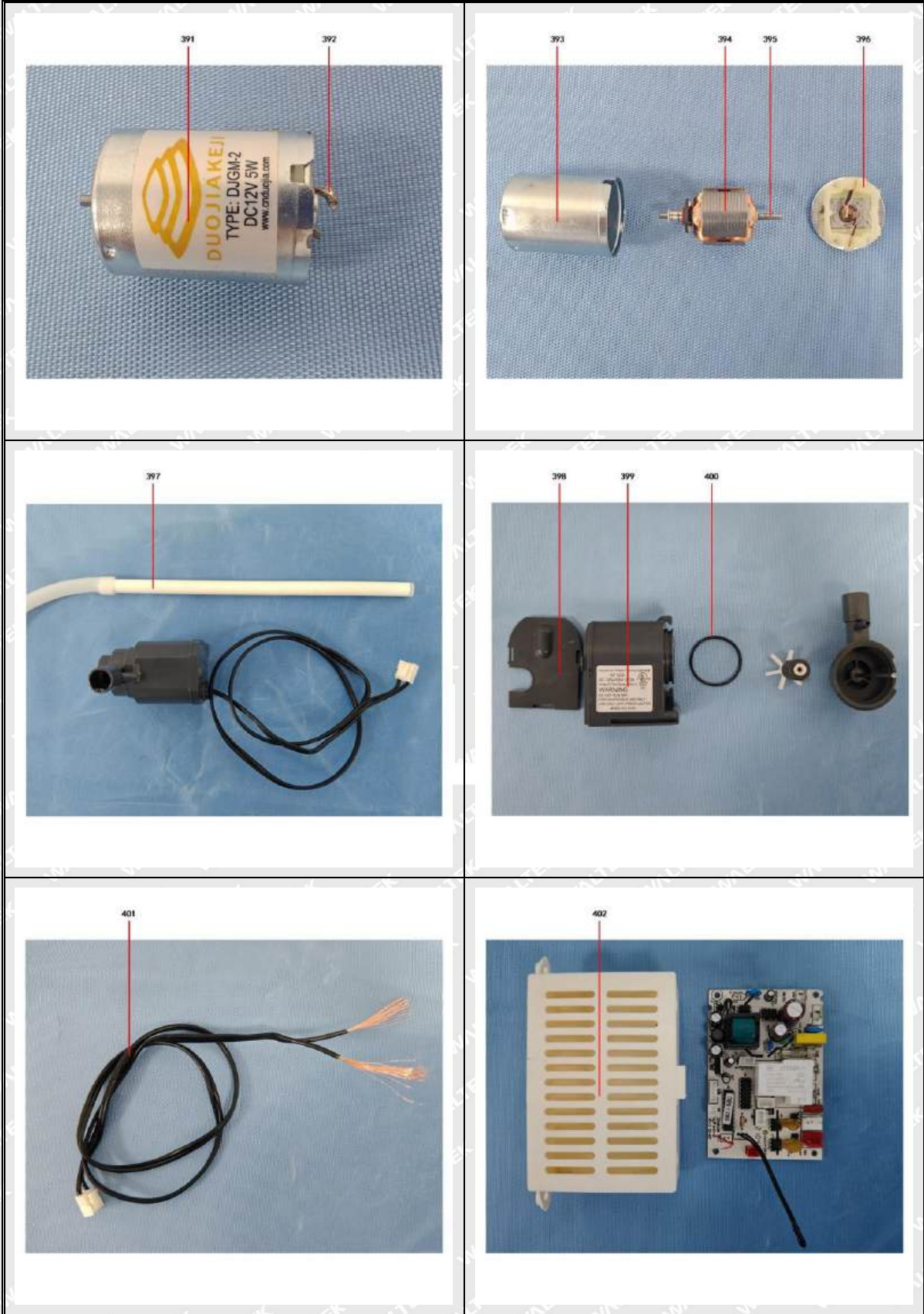


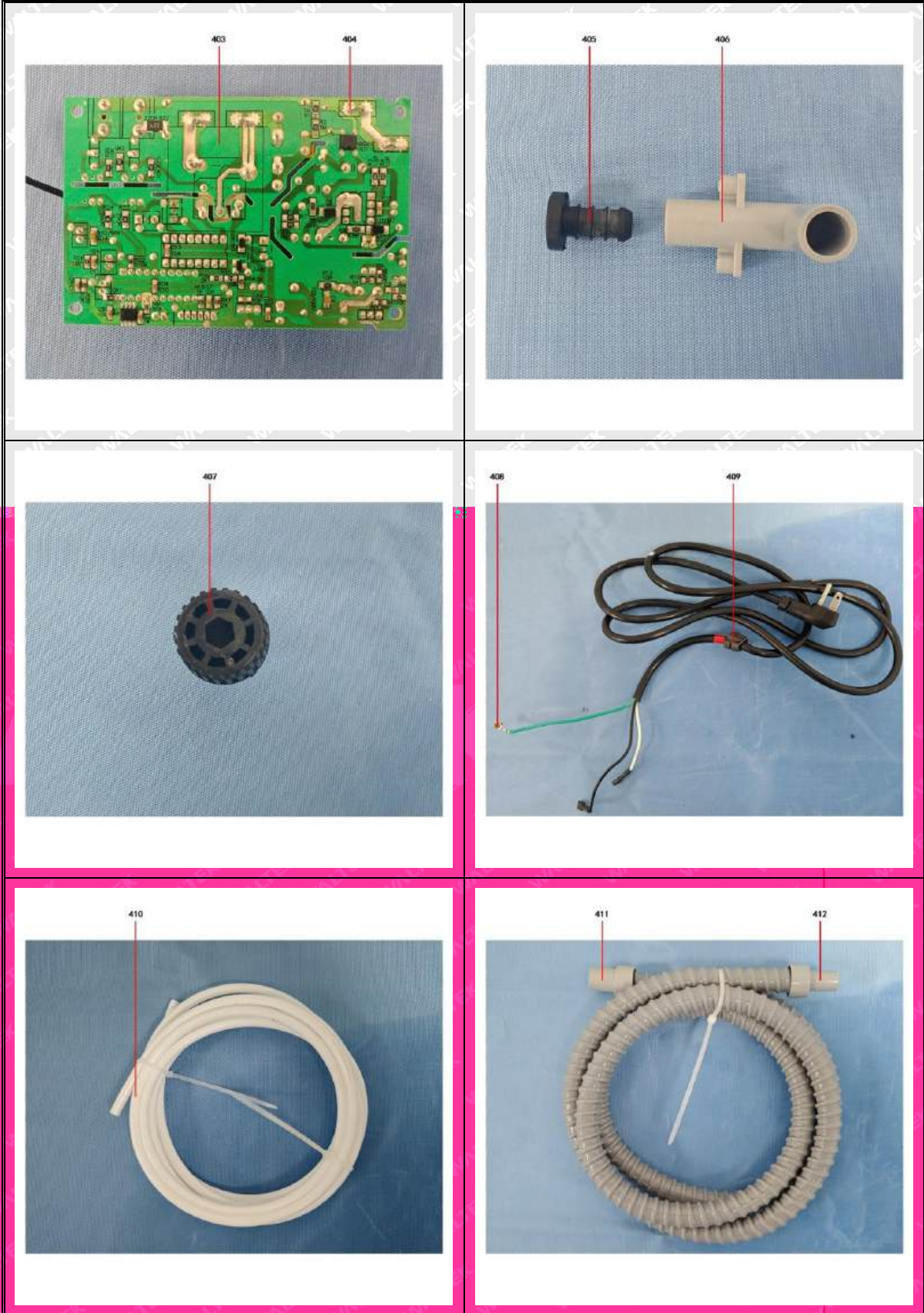


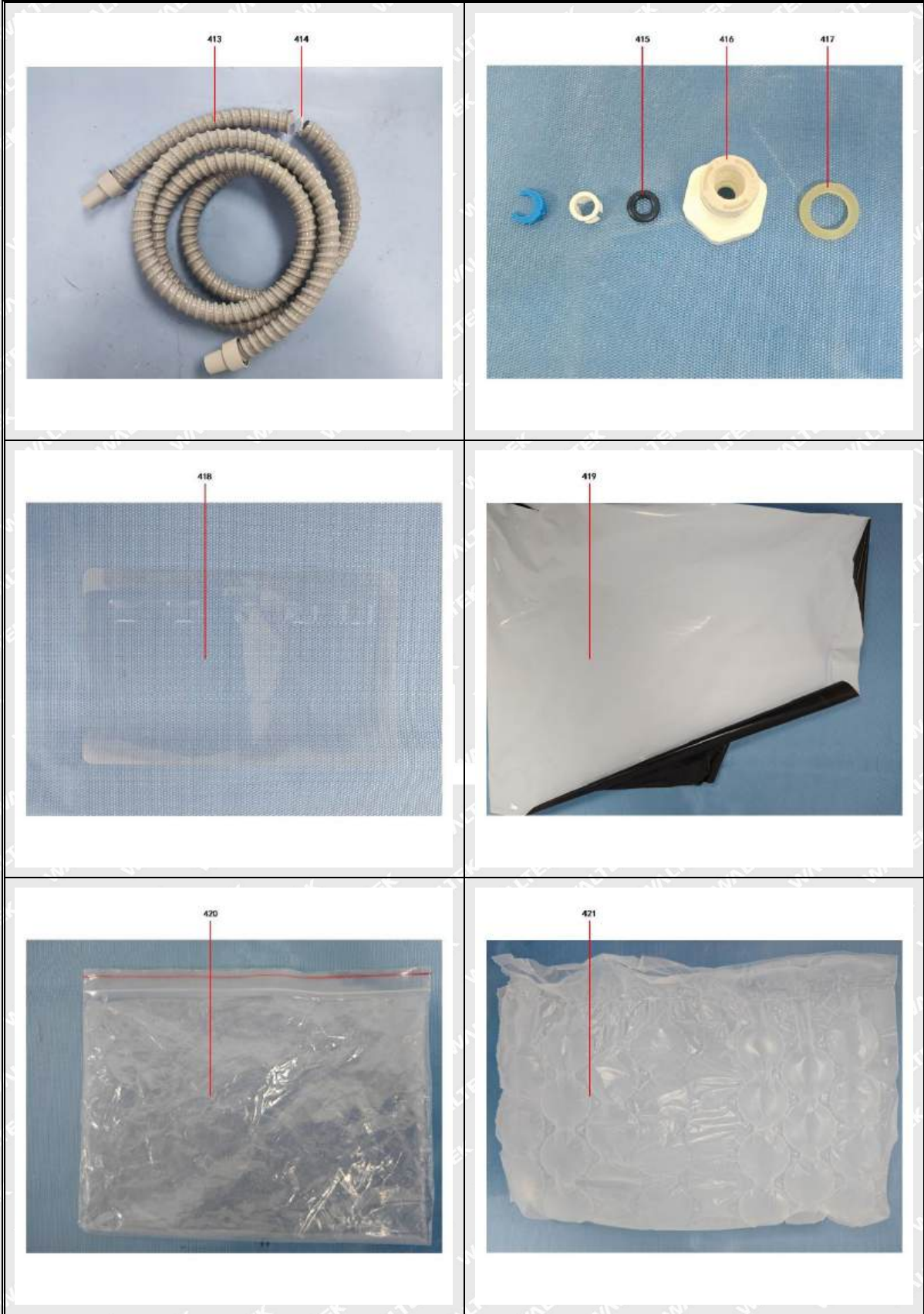




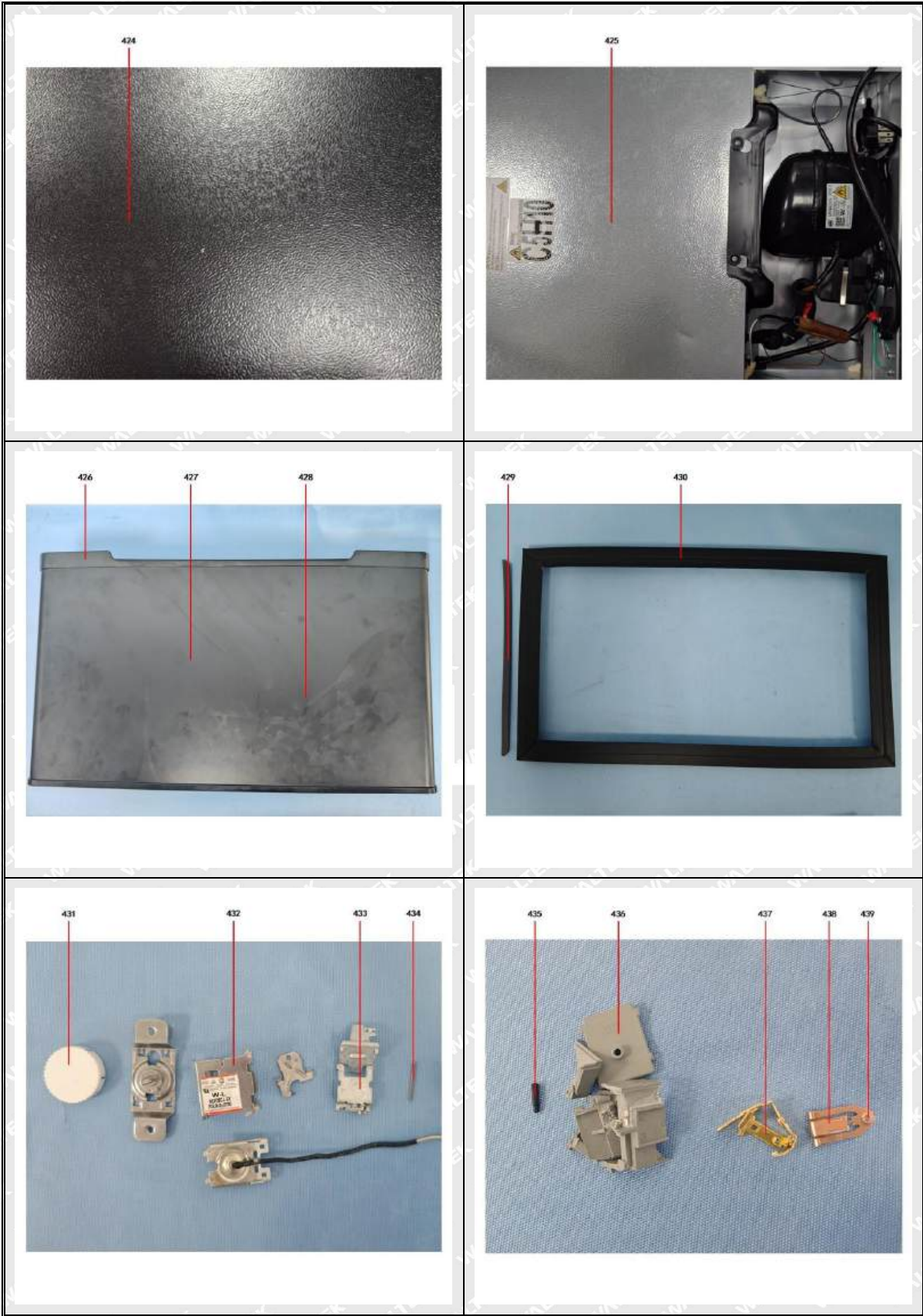


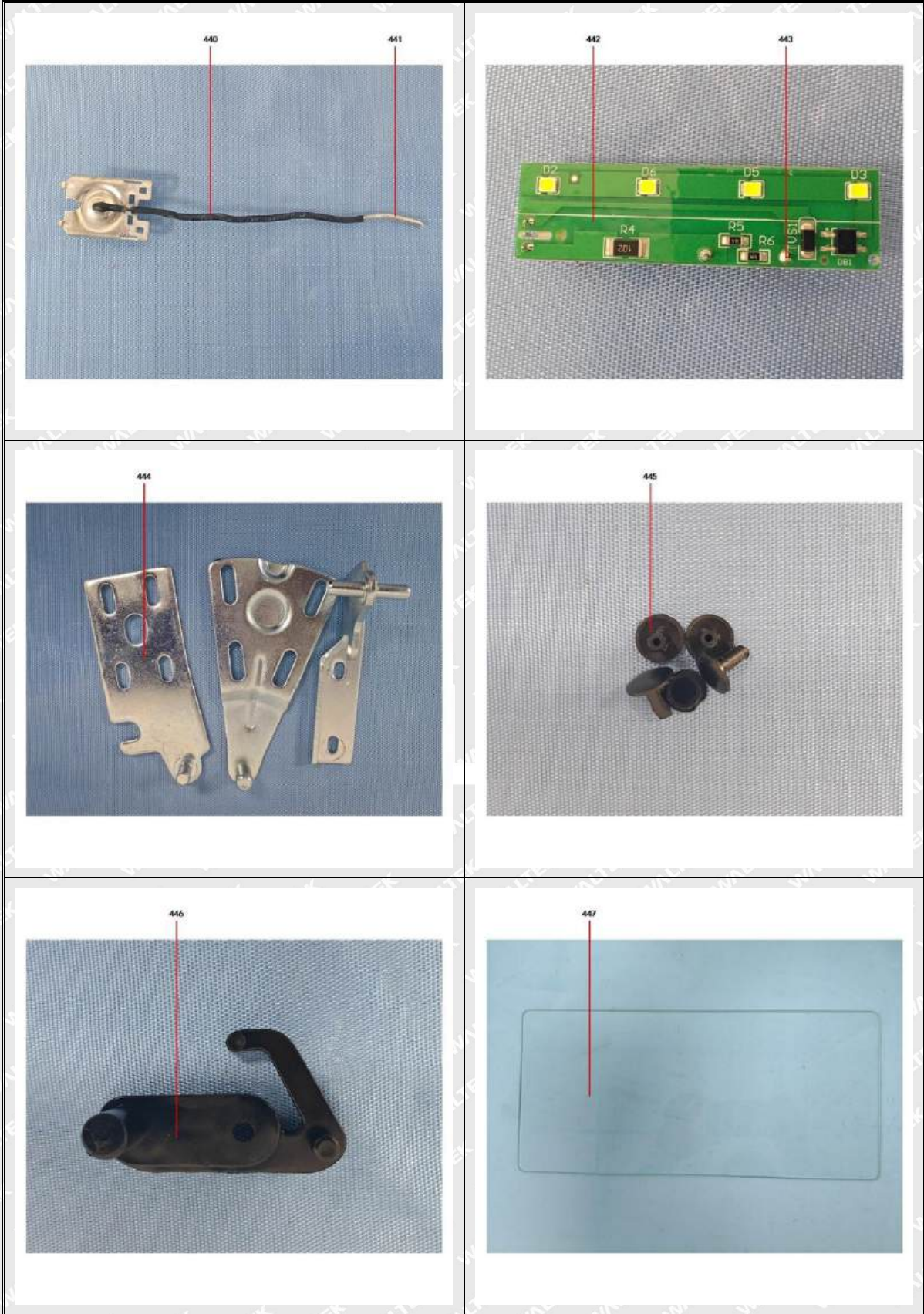








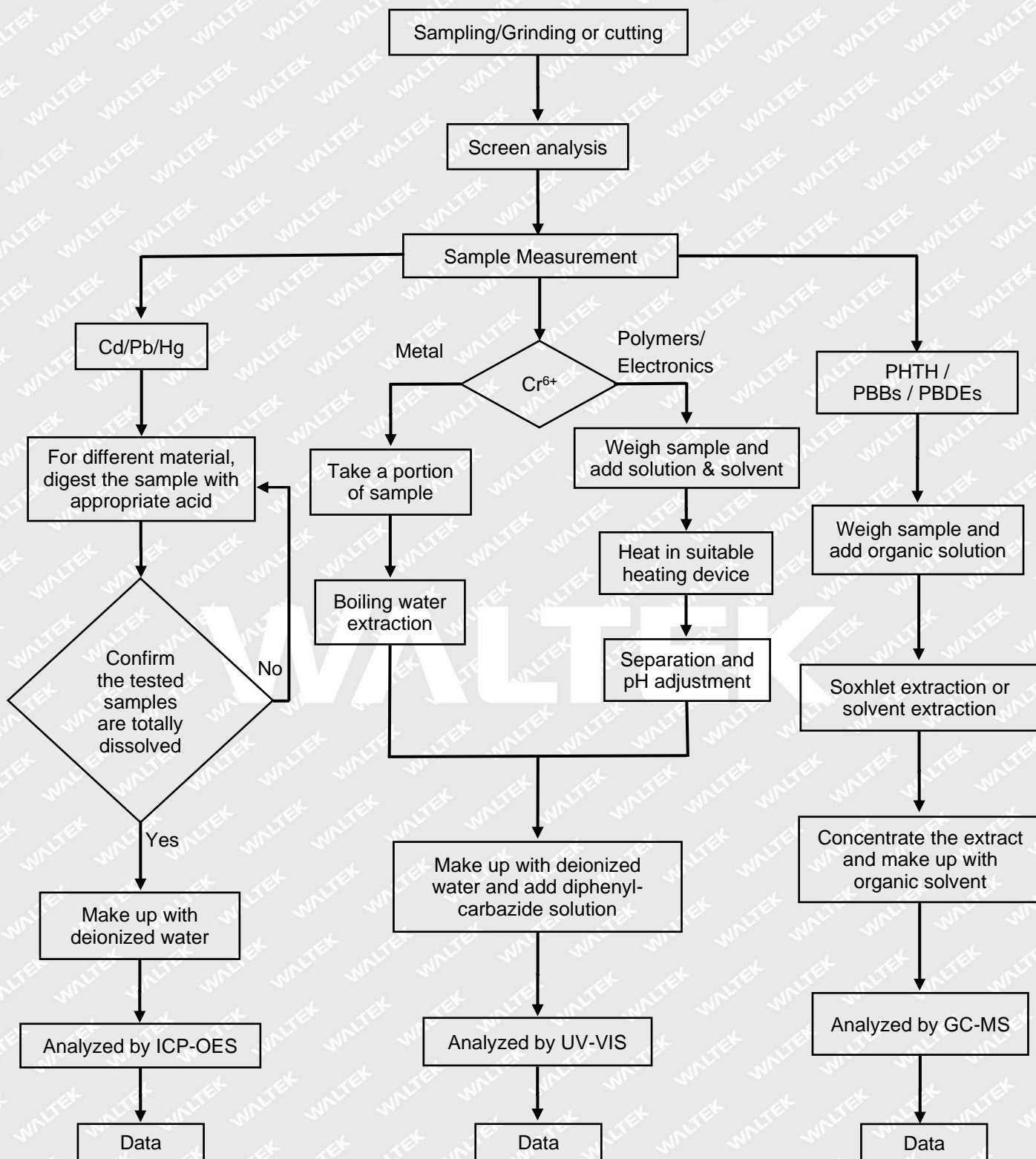








Test Flow Chart:



Report No.: WTN24N12284590C

**APPENDIX****Reference Sample Model:**

BC-46-E; BC-46; BC-46B; BC-46C; BC-46C-E; BC-46R; BC-70-E; BC-70C-E; BC-80; BC-85B; BC-85-E; BC-90; BC-90B; BC-90U-E; BC-90C-E; BC-90-NF; BC-90R; BC-90-NFL; BC-113B; BC-113-E; BC-113C-E; BC-113BL; BC-128-E; BC-128B; BC-128; BC-128A-E; BC-128BL; BC-128CT-E; BC-128C-E; BC-128W-E; BC-130DB/2T; BC-170C; BC-170C-E; BC-145B; BC-145B/2T; BCD-127-E; BCD-90-E; BCD-87; BCD-87B; BCD-127B; BCD-130DB/2T; BCD-212-E; LSD-40; LSD-60; ZPJ-90-E; ZPJ-50; ZPJ-80; ZPJ-90; ZPJ-170; ZPJ-170-E; ZPJ-170T; ZPJ-170/FJ; ZPJ-170T/FJ; ZPJ-170C; ZPJ-128; ZPJ-128T; ZPJ-128C; ZPJ-128-E; ZPJ-240; BD-32; BD-32G; BD-40-E; BD-40G; BD-50; BD-60; BD-60-E; BD-60G; BD-80; BD-88; BD-88B; BD-88-E; BD-90B-E; BD-100B-E; BD-100-E; BD-136-E; BD-136B; BD-150B-EBD-150-E; BD-150C; BD-165; BD-200B-E; BD-200-E; BD-200-EV; BD-200C; BD-285C; BD-300-E; BD-310; JC-18-F; JC-18UEL-F; JC-18UEX-F; JC-36-E; JC-36UEL-F; JC-36UEX-F; JC-46-E; JC-46UEX-F; JC-46UEL-F; JC-46-F; JC-46R; JC-48UEX-F; JC-48UELF; JC-48VEX-F; JC-48-F; JC-48VEL-F; JC-70-E; JC-70UEL-F; JC-70VEL-F; JC-70UEX-F; JC-70VEX-F; JC-75UEX-F; JC-75UEL-F; JC-75ULK-F; JC-80; JC-85B; JCD-80-F; JC-85DBJC-90-E; JC-90V-FJC-90VEL-F; JC-90VEX-F; JC-90UEL-F; JC-90UEX-F; JC-90ULK-F; JC-90R; JC-108B; JC-125DB; JC-128-E; JC-128K-E; JC-128UEX-F; JC-128UEL; JC-128UEX; JC-128ULK-F; JC-128VEX-F; JC-128VEL-F; JC-128D; JC-128; JC-140DB; JC-145B; JC-153WC; JC-153; JC-153BC; JC-BUD(JC-VB2); JC-VB1; HZB-12/A; HZB-12/SA; HZB-12/A-W; HZB-12/SA-W; HZB-12/B; HZB-12/SB; HZB-12/B-W; HZB-12/SB-W; HZB-12/C; HZB-12/C-W; HZB-12HC; HZB-12; HZB-12/S; HZB-12/S-HE; HZB-12S/-HC; HZB-12D; HZB-12/H; HZB-12/SH; HZB-12EH; HZB-12E; HZB-12-HE; HZB-12/H-W; HZB-12/SH-W; HZB-12G; HZB-12/SG; HZB-12/G-W; HZB-12/SG-W; HZB-12/K; HZB-12/SK; HZB-12/J; HZB-12/SJ; HZB-12M; HZB-12Q; HZB-12N; HZB-12NA; HZB-12NB; HZB-12N/S; HZB-12NA/S; HZB-12NB/S; HZB-12YLR; HZB-12YLR/S; HZBY-12; HZB-12U; HZB-13F; HZB-13F/L; HZB-13F/S; HZB-13F/SL; HZB-13AF; HZB-15A; HZB-15SA; HZB-15B; HZB-15SB; HZB-15C; HZB-15N; HZB-15NA; HZB-15NB; HZB-15N/S; HZB-15SN; HZB-15NA/S; HZB-15NB/S; HZB-15EN; HZB-15EN-W; HZB-15N-W; HZB-15N/S-W; HZB-15NA-W; HZB-15NA/S-W; HZB-15NB-W; HZB-15NB/S-W; HZB-15AF; HZB-15/S; HZB-15/A-HE; HZB-15/SA-HC; HZB-15YLR; HZBY-15A; HZB-15NF; HZB-17N; HZB-17NA; HZB-17NB; HZB-17N/S; HZB-17NA/S; HZB-17NB/S; HZB-18; HZB-18/S; HZB-18/B; HZB-18NA/S; HZB-18/BF; HZB-18-HE; HZB-18-HC; HZB-18/S-HE; HZB-18/S-HC; HZB-18F; HZB-18F/L; HZB-18F/SL; HZB-18N; HZB-18NB; HZB-18NB/S; HZB-18N/S; HZB-18AN; HZB-18BN; HZB-18CN; HCR-18; HZB-20/A; HZB-20/SA; HZB-20N; HZB-20AN; HZB-20NL; HZB-20EN; HZB-20CN; HZB-20ANL; HZB-20DN; HZB-20BN; HZB-20F; HZB-20F/SL; HZB-20AF; HZB-20AF/S; HZB-20YLR; HZB-20YLR/S; HZB-22; HZB-22BN; HZB-22N; HZB-22AN; HZB-22CN; HZB-22/S; HZB-22/B; HZB-22/BF; HZB-22-HE; HZB-22-HC; HZB-22/S-HE; HZB-22/S-HC; HZB-25; HZB-25N; HZB-25AN; HZB-25NL; HZB-25ANL; HZB-25/S; HZB-25/BF; HZB-25BN; HZB-25CN; HZB-25DN; HZB-30D; HZB-30F; HBZB-30N; HZB-36; HZB-36A; HZB-36F; HZB-36B; HZB-36BS; HZB-38F; HZB-40; HZB-45; HZB-45A; HZB-45/S; HZB-45M; HZB-45M/S; HZB-45F; HBZB-50F; HZB-65; HZB-65/S; HZB-70M; HZB-80; HZB-90F; HZB-120F; HZB-160F; HZB-190F; HZBQ-0250; HZBF-0340; HME010504N; PC-30; PC-30E; PC-30-F; PC-30AE; PC-50A; PC-50A-F; PC-50AE; PC-50AE-F; PC-50E; PC-50EPC; PC-50EST; PC-50ESM; PC-50E-F; PC-75E; HMC7W2; ICM-15A; ICM-15S; ZBD-10; ZBD-15; ZBD-20; ZBD-30; ZBD-35; ZBD-35D; ZBD-40; ZBC-46C; ZBD-50; ZBD-50D; ZBD-65; ZBD-65D; ZBD-80; ZBD-80D; ZBC-90C; HZB-12K; HZB-12J; HXR-18; ZBC-128C; IM-BS260A; IM-BS260C; IM-SS440A; IM-NS280C; AI-100SS; AI-215R; AI-215SS; ClearIce40; M200SS; AI-100BK; AI-100R; AI-100S; NIM045SS00; NIM026MB00; NIM026MS00; NIM044BS00; NCI080SS00; IMC-270MS; IMC-490SS; IMC-491DC; IMC-270MB; IMC-270MR; IDC-221SC; IMC-330WS; NIM026MBN0; NIM026SS00; NCI066SSN0; AB-1201; AB-1201B; NIM026MB01; NIM026MS01; NIM026BK01; NIM026SI01; KAPC100SS; KAPC030SS; KAPC150SS; KAPC175SS; BCPC50L; COV50L; GL-150SS; RF-S-WM; RF-H-WM; ZX-RF-S-WM-HM; ZX-RF-H-WM-HM; RF-S-HM; RF-H-HM; RF-S-AZ-HM; RF-H-AZ-HM; ZX-BRF-27H-AZ-HM; RF-H; RF-S; BR-110-WM; BR-110H-WM; ZX-BR-110-WM-HM; ZX-BR-110H-WM-HM; ZX-BR-55H-WM-HM; BR-110-HM; BR-110H-HM; BR-110-AZ-HM; BR-110H-AZHM; ZX-BR-55H-AZ-HM; ZX-BR-55H-HM; ZX-BRUC-36-HM; ZX-RUC-36-HM; ZX-BRU-03-AZ-HM; ZX-RU-03-AZ-HM; BR-110; BR-110H; ZX-BR-110-AZ-HM; ZX-BR-110H-AZ-HM; ZX-BR-110-HZ-HM; ZX-BR-110H-HZ-HM; ZX-BR-55-HZ-HM; IM-FP-AZ-HM; IM-01D-AZ-HM; IM-01-AZ-HM; IM-02-AZ-HM; IM-08S-AZ-HM; CIM-01-AZ-HM; IM-F-AZ-HM; ZX-IM-08S-AZ-HM; ZX-CIM-01-AZ-HM; ZX-IM-02-AZ-HM;

Waltek Testing Group (Ningbo) Co., Ltd.

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Below reference sample photos are provided by client:























