



TEST REPORT

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1. Test Item : IP65 (Test Model : G2058, G201MF, G250.)

2. Test Conditions :

2.1 Ambient Condition

- Temperature range: 15 °C to 35 °C.
- Relative humidity: 25 % to 75 %.
- Air pressure: 860 mbar to 1060 mbar.

2.2 IP6X (In accordance with IEC60529 13.4 test)

- Dust: Talcum powder.
- The amount of dust: 2 kg/m³.
- Maximum depression of 2kPa. (20mbar).
- The duration of the test is 2 hr.
- (Extraction rate is less than 40 volumes per hour)

2.3 IPX5 (In accordance with IEC60529 14.1/14.2.5 test)

- Internal diameter of the nozzle: 6.3 mm.
- Delivery rate: 12.5 l/min ±5 %.
- Distance from nozzle to enclosure surface: between 2.5 m and 3 m.
- Test-period: 1 min/m², at least 3 min.

3. Test Result : G2058, G201MF, G250.

IP Code	Results	Acceptance Criteria
IP6X	There is no trace of dust inside.	IEC60529 13.6
IPX5	There is no trace of water inside.	IEC60529 14.3

Tested by : Mark Chen
 Mark Chen



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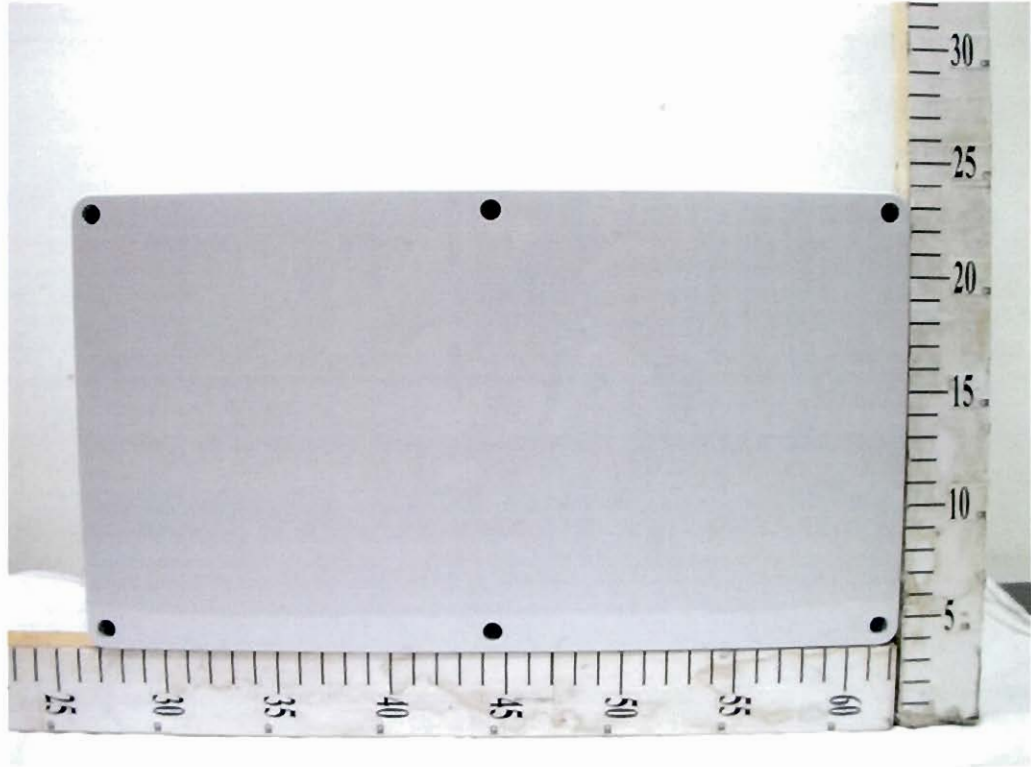
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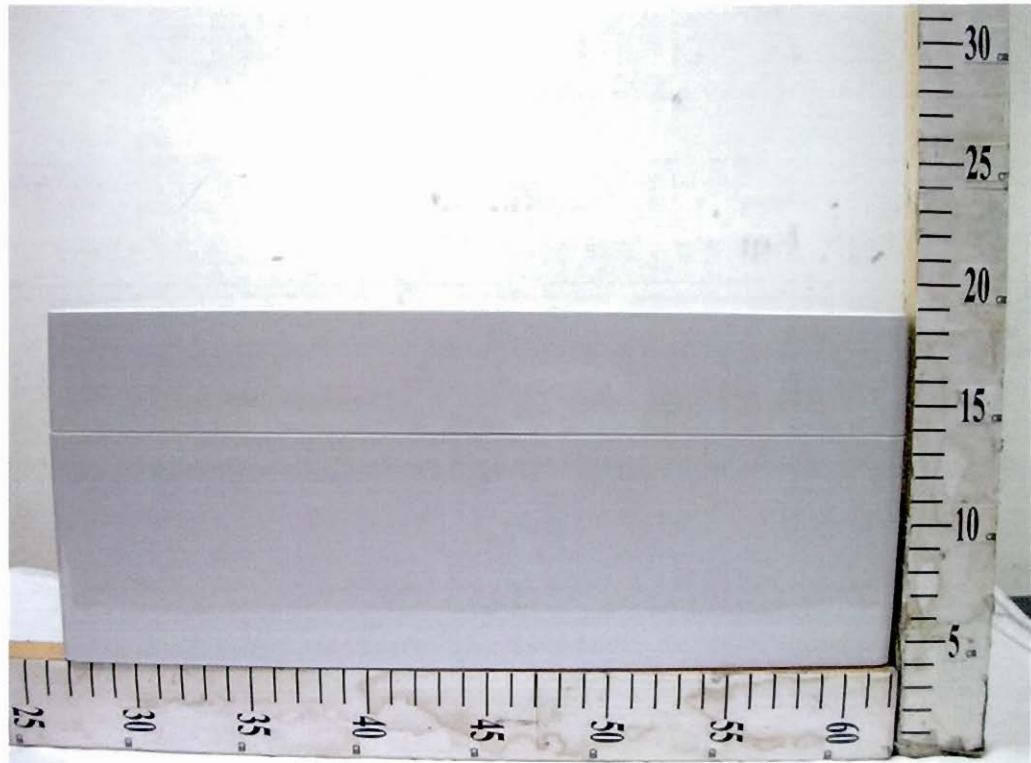
Utilized testing equipments 試驗設備列表

Test Mode 測試項目	Kind of Instrument 設備名稱	Manufacturer 製造商	Model Serial No. 型號,序號或其它資訊	Due Date 下次校驗日期
IP1X	Test sphere(50mm)試驗球	Fimko Lab.	IEC60529/Tab.6 A	2015/10/30
IP2X	Test sphere(12.5mm)試驗球	Fimko Lab.	IEC60529/Tab.6 B	2015/10/30
IP3X	Test rod,2.5mm(D)x100mm(L)試驗棒	Fimko Lab.	IEC60529/Tab.6 C	2015/10/30
IP4X	Test rod,1mm(D)x100mm(L) 試驗棒	Fimko Lab.	IEC60529/Tab.6 D	2015/10/30
✓ IP5~6X	TESTING T1-16 DUST TEST CHAMBER	TESTING	IEC60529/Figure.2	2014/05/02
IPX1~2	Drip Box 滴水試驗裝置	PTL	IEC60529/Figure.3	2013/10/22
IPX3~4	Oscillating Tube 灑水及濺水試驗裝置	PTL	IEC60529/Figure.4	2013/08/07
✓ IPX5~6	Hose Nozzle 對噴流保護檢測用試驗裝置	PTL	IEC60529/Figure.6	2013/10/22
IPX7~8	Water Butt 水桶	Dafong Plastic	N/A	N/A
✓	Atmospheric barometer 水銀氣壓計	SATO	7640-00	2015/05/27
✓	Stop watch 馬錶	Casio	HS-3	2013/08/29
	Pull/Push Gage 推拉力計	AIKOH	AE-50	2013/12/11
	High-pot tester 耐壓機 (HP2)	EXTECH	7410	2013/08/21
✓	TEMP/HUMI Recorder 溫濕度計	ISUZU	TH-27R	2013/07/31

Model : G2058



Model : G2058



IPX5 Test.



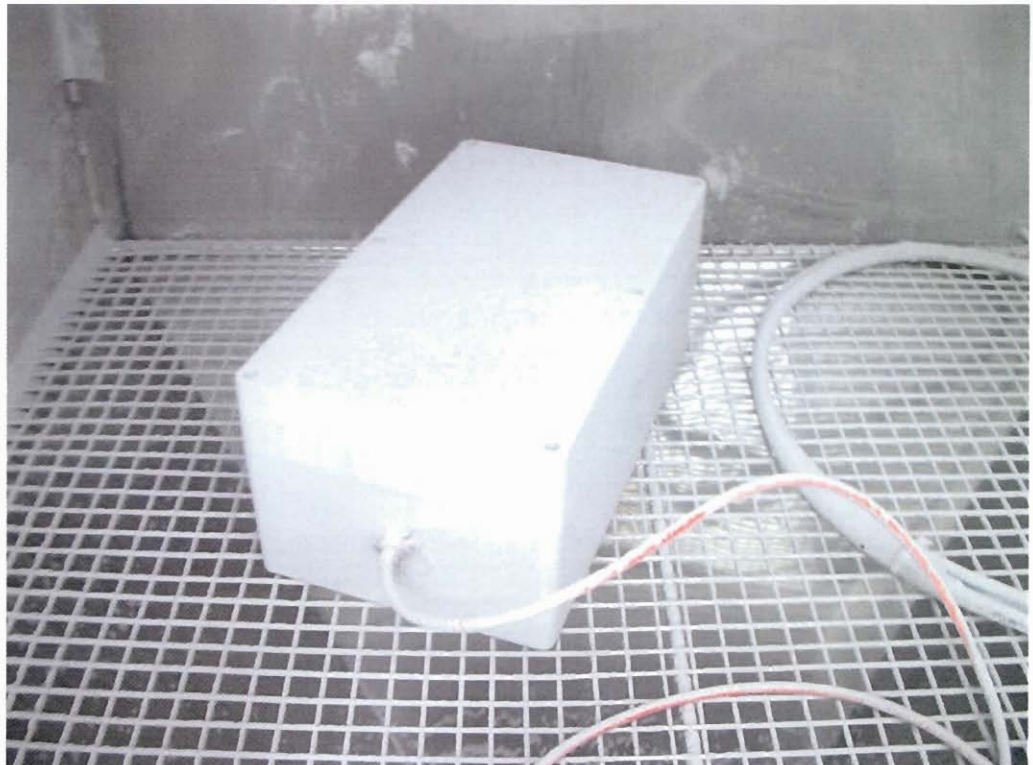
There is no trace of water inside.



There is no trace of water inside.



IP6X Test



There is no trace of dust inside



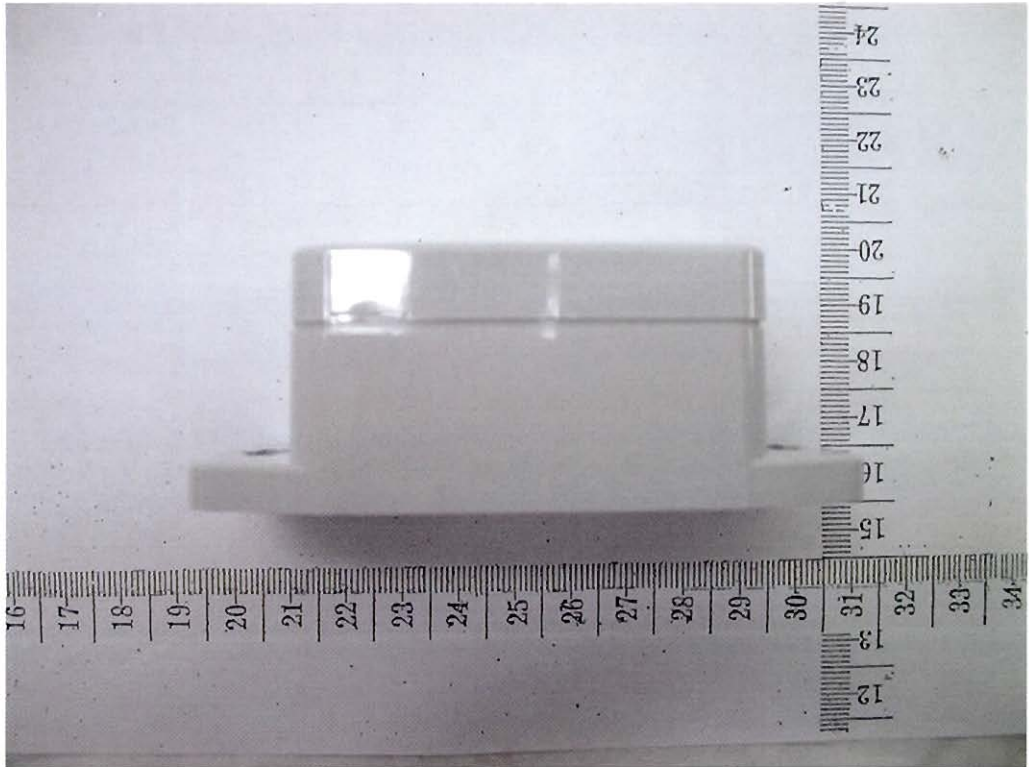
There is no trace of dust inside



Model : G201MF



Model : G201MF



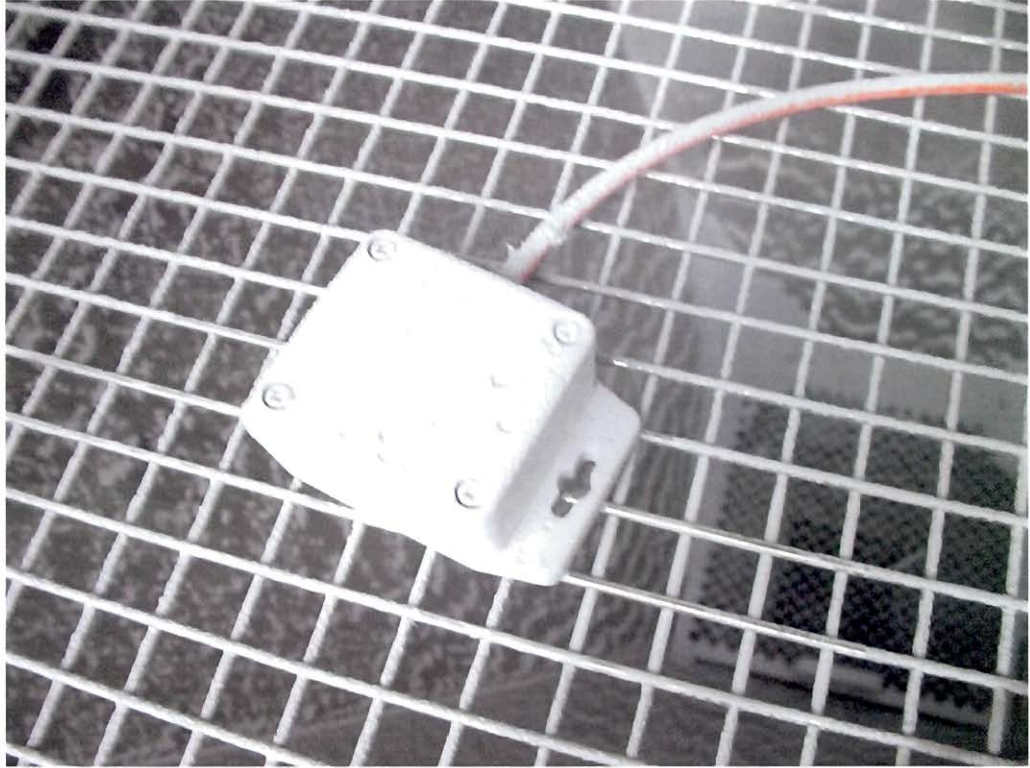
IPX5 Test



There is no trace of water inside .



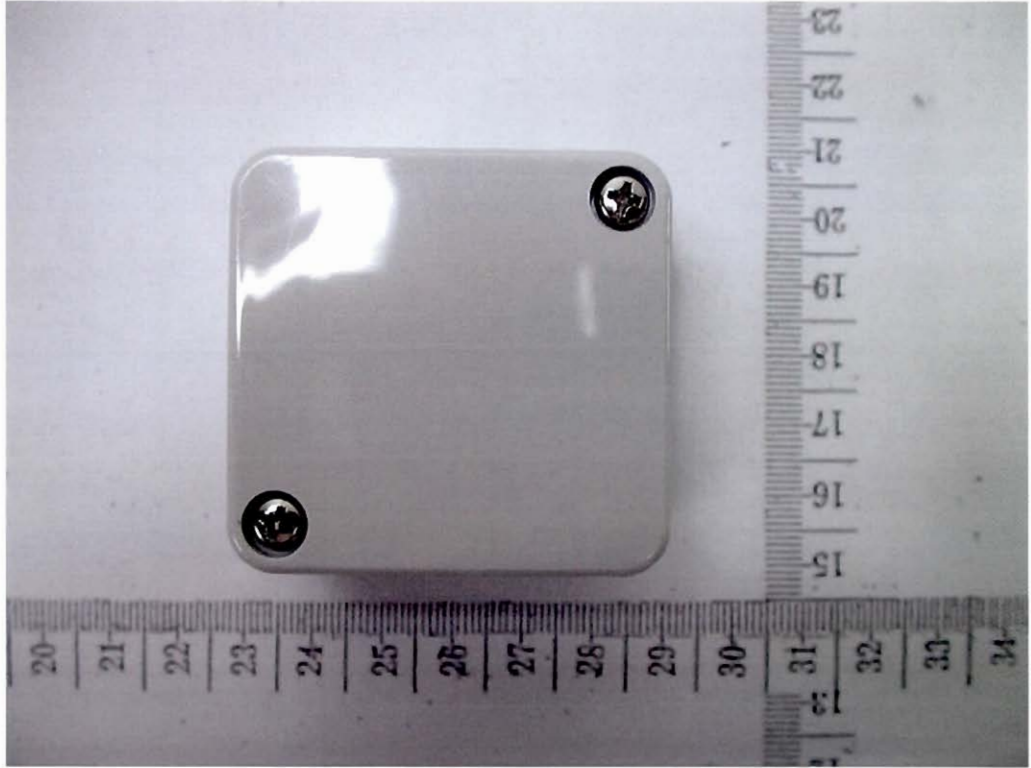
IP6X Test



There is no trace of dust inside.



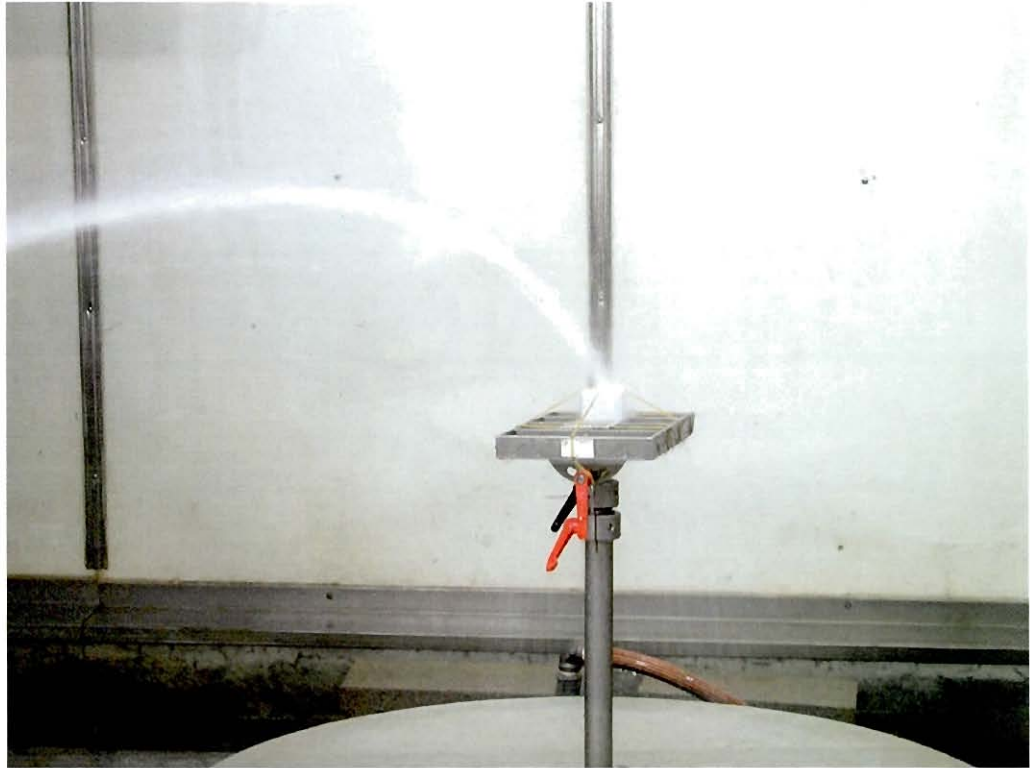
Model : G250



Model : G250



IPX5 Test



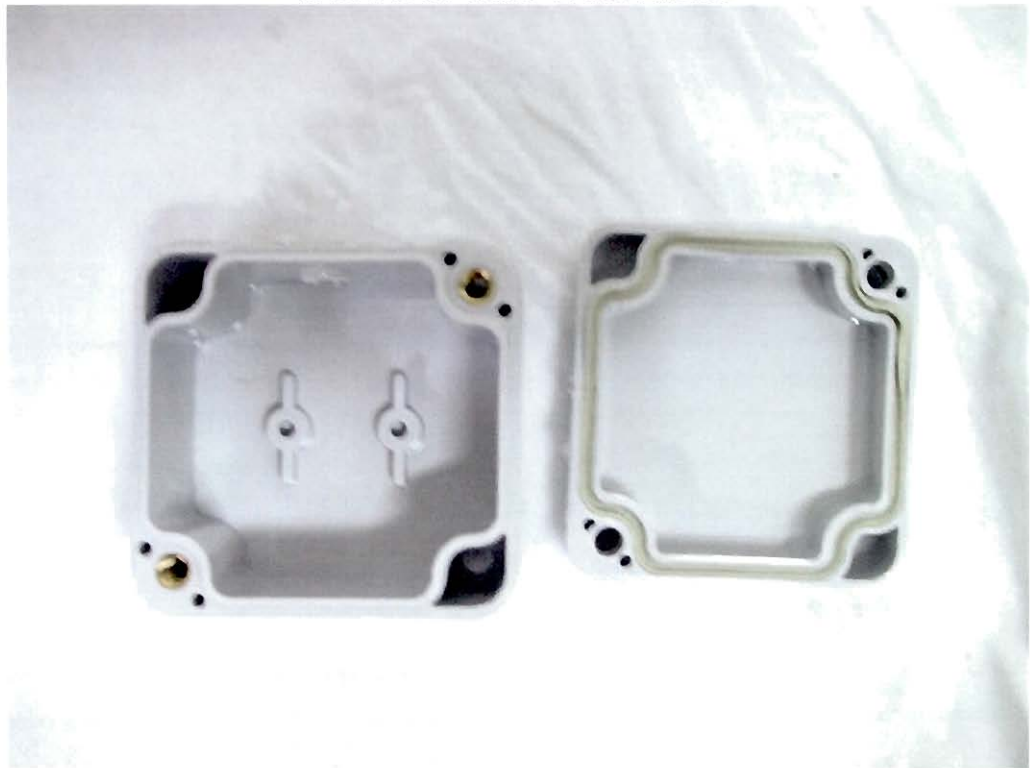
There is no trace of water inside.



IP6X Test



There is no trace of dust inside





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Model Difference : G2XX series

item	Model	Color	Dimensions (mm)	Construction
1	G201	Light Grey	64 x 58 x 35	Same construction
2	G202	Light Grey	184 x 36 x 35	Same construction
3	G203	Light Grey	115 x 65 x 40	Same construction
4	G205	Light Grey	115 x 65 x 55	Same construction
5	G212	Light Grey	115 x 90 x 55	Same construction
6	G214	Light Grey	171 x 121 x 55	Same construction
7	G218	Light Grey	222 x 146 x 55	Same construction
8	G221	Light Grey	115 x 90 x 80	Same construction
9	G223	Light Grey	171 x 121 x 80	Same construction
10	G229	Light Grey	195 x 80 x 55	Same construction
11	G232	Light Grey	222 x 146 x 75	Same construction
12	G238	Light Grey	265 x 185 x 95	Same construction
13	G250	Light Grey	52 x 50 x 35	Same construction
14	G256	Light Grey	82 x 80 x 55	Same construction
15	G258	Light Grey	160 x 80 x 55	Same construction
16	G265	Light Grey	160 x 80 x 85	Same construction
17	G269	Light Grey	200 x 120 x 75	Same construction
18	G278	Light Grey	120 x 120 x 60	Same construction
19	G279	Light Grey	120 x 120 x 90	Same construction
20	G287	Light Grey	160 x 160 x 60	Same construction
21	G288	Light Grey	160 x 160 x 90	Same construction
22	G2018	Light Grey	240 x 160 x 90	Same construction
23	G2025	Light Grey	240 x 160 x 120	Same construction
24	G2029	Light Grey	300 x 230 x 86	Same construction
25	G2038	Light Grey	300 x 230 x 111	Same construction
26	G2058	Light Grey	360 x 200 x 150	Same construction
27	G201C	Clear LID	64 x 58 x 35	Same construction
28	G203C	Clear LID	115 x 65 x 40	Same construction
29	G205C	Clear LID	115 x 65 x 55	Same construction
30	G212C	Clear LID	115 x 90 x 55	Same construction



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Model Difference : G2XX series

item	Model	Color	Dimensions (mm)	Construction
31	G214C	Clear LID	171 x 121 x 55	Same construction
32	G218C	Clear LID	222 x 146 x 55	Same construction
33	G221C	Clear LID	115 x 90 x 80	Same construction
34	G223C	Clear LID	171 x 121 x 80	Same construction
35	G229C	Clear LID	195 x 80 x 55	Same construction
36	G232C	Clear LID	222 x 146 x 75	Same construction
37	G238C	Clear LID	265 x 185 x 95	Same construction
38	G250C	Clear LID	52 x 50 x 35	Same construction
39	G256C	Clear LID	82 x 80 x 55	Same construction
40	G258C	Clear LID	160 x 80 x 55	Same construction
41	G265C	Clear LID	160 x 80 x 85	Same construction
42	G269C	Clear LID	200 x 120 x 75	Same construction
43	G278C	Clear LID	120 x 120 x 60	Same construction
44	G279C	Clear LID	120 x 120 x 90	Same construction
45	G287C	Clear LID	160 x 160 x 60	Same construction
46	G288C	Clear LID	160 x 160 x 90	Same construction
47	G2018C	Clear LID	240 x 160 x 90	Same construction
48	G2025C	Clear LID	240 x 160 x 120	Same construction
49	G2029C	Clear LID	300 x 230 x 86	Same construction
50	G2038C	Clear LID	300 x 230 x 111	Same construction
51	G2058C	Clear LID	360 x 200 x 150	Same construction



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Model Difference : G3XX series

item	Model	Color	Dimensions (mm)	Construction
1	G302	Dark Grey	64 x 58 x 35	Same construction
2	G303	Dark Grey	184X36X35	Same construction
3	G304	Dark Grey	115 x 65 x 40	Same construction
4	G308	Dark Grey	115 x 65 x 55	Same construction
5	G311	Dark Grey	115 x 90 x 55	Same construction
6	G313	Dark Grey	171 x 121 x 55	Same construction
7	G317	Dark Grey	222 x 146 x 55	Same construction
8	G331	Dark Grey	115 x 90 x 80	Same construction
9	G340	Dark Grey	171 x 121 x 80	Same construction
10	G346	Dark Grey	195 x 80 x 55	Same construction
11	G353	Dark Grey	222 x 146 x 75	Same construction
12	G378	Dark Grey	265 x 185 x 95	Same construction
13	G362	Dark Grey	52 x 50 x 35	Same construction
14	G366	Dark Grey	82 x 80 x 55	Same construction
15	G368	Dark Grey	160 x 80 x 55	Same construction
16	G369	Dark Grey	160 x 80 x 85	Same construction
17	G373	Dark Grey	200 x 120 x 75	Same construction
18	G386	Dark Grey	120 x 120 x 60	Same construction
19	G387	Dark Grey	120 x 120 x 90	Same construction
20	G396	Dark Grey	160 x 160 x 60	Same construction
21	G399	Dark Grey	160 x 160 x 90	Same construction
22	G3008	Dark Grey	240 x 160 x 90	Same construction
23	G3019	Dark Grey	240 x 160 x 120	Same construction
24	G3028	Dark Grey	300 x 230 x 86	Same construction
25	G3031	Dark Grey	300 x 230 x 111	Same construction
26	G3039	Dark Grey	360 x 200 x 150	Same construction



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Model Difference : G21XX series

item	Model .	Color	Dimensions (mm)	Construction
1	G2100	Light Grey	100 x 100 x 55	Same construction
2	G2102	Light Grey	100 x 100 x 90	Same construction
3	G2104	Light Grey	120 x 80 x 55	Same construction
4	G2105	Light Grey	120 x 80 x 85	Same construction
5	G2111	Light Grey	200 x 120 x 90	Same construction
6	G2113	Light Grey	240 x 120 x 60	Same construction
7	G2117	Light Grey	240 x 120 x 100	Same construction
8	G2119	Light Grey	200 x 150 x 55	Same construction
9	G2120	Light Grey	200 x 150 x 75	Same construction
10	G2128	Light Grey	353X140X121.5	Same construction
11	G2135	Light Grey	190 x 190 x 55	Same construction
12	G2100C	Clear Lid	100 x 100 x 55	Same construction
13	G2102C	Clear Lid	100 x 100 x 90	Same construction
14	G2104C	Clear Lid	120 x 80 x 55	Same construction
15	G2105C	Clear Lid	120 x 80 x 85	Same construction
16	G2111C	Clear Lid	200 x 120 x 90	Same construction
17	G2113C	Clear Lid	240 x 120 x 60	Same construction
18	G2117C	Clear Lid	240 x 120 x 100	Same construction
19	G2119C	Clear Lid	200 x 150 x 55	Same construction
20	G2120C	Clear Lid	200 x 150 x 75	Same construction
21	G2128C	Clear Lid	353X140X121.5	Same construction
22	G2135C	Clear Lid	190 x 190 x 55	Same construction



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Model Difference : G31XX series

item	Model .	Color	Dimensions (mm)	Construction
1	G3101	Dark Grey	100 x 100 x 55	Same construction
2	G3103	Dark Grey	100 x 100 x 90	Same construction
3	G3107	Dark Grey	120 x 80 x 55	Same construction
4	G3109	Dark Grey	120 x 80 x 85	Same construction
5	G3113	Dark Grey	200 x 120 x 90	Same construction
6	G3118	Dark Grey	240 x 120 x 60	Same construction
7	G3121	Dark Grey	240 x 120 x 100	Same construction
8	G3122	Dark Grey	200 x 150 x 55	Same construction
9	G3127	Dark Grey	200 x 150 x 75	Same construction
10	G3130	Dark Grey	353X140X121.5	Same construction
11	G3125	Dark Grey	190 x 190 x 55	Same construction

Model Difference : G2XXMF series

item	Model .	Color	Dimensions (mm)	Construction
1	G201MF	Light Grey	64X58X35	Same construction
2	G203MF	Light Grey	115X65X40	Same construction
3	G205MF	Light Grey	115X65X55	Same construction
4	G212MF	Light Grey	115X90X55	Same construction
5	G221MF	Light Grey	115X90X80	Same construction
6	G214MF	Light Grey	171X121X55	Same construction
7	G223MF	Light Grey	171X121X80	Same construction
8	G218MF	Light Grey	222X146X55	Same construction
9	G232MF	Light Grey	222X146X75	Same construction
10	G200MF	Light Grey	90X35X35	Same construction
11	G250MF	Light Grey	52 x 50 x 35	Same construction
12	G256MF	Light Grey	82 x 80 x 55	Same construction
13	G258MF	Light Grey	160 x 80 x 55	Same construction
14	G265MF	Light Grey	160 x 80 x 85	Same construction
15	G278MF	Light Grey	120 x 120 x 60	Same construction
16	G279MF	Light Grey	120 x 120 x 90	Same construction



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Model Difference : G2XXCMF series

item	Model .	Color	Dimensions (mm)	Construction
1	G201CMF	Clear Lid	64X58X35	Same construction
2	G203CMF	Clear Lid	115X65X40	Same construction
3	G205CMF	Clear Lid	115X65X55	Same construction
4	G212CMF	Clear Lid	115X90X55	Same construction
5	G221CMF	Clear Lid	115X90X80	Same construction
6	G214CMF	Clear Lid	171X121X55	Same construction
7	G223CMF	Clear Lid	171X121X80	Same construction
8	G218CMF	Clear Lid	222X146X55	Same construction
9	G232CMF	Clear Lid	222X146X75	Same construction
10	G200CMF	Clear Lid	90X35X35	Same construction
11	G250CMF	Clear Lid	52 x 50 x 35	Same construction
12	G256CMF	Clear Lid	82 x 80 x 55	Same construction
13	G258CMF	Clear Lid	160 x 80 x 55	Same construction
14	G265CMF	Clear Lid	160 x 80 x 85	Same construction
15	G278CMF	Clear Lid	120 x 120 x 60	Same construction
16	G279CMF	Clear Lid	120 x 120 x 90	Same construction

Model Difference : G3XXMF series

item	Model .	Color	Dimensions (mm)	Construction
1	G302MF	Dark Grey	64X58X35	Same construction
2	G304MF	Dark Grey	115X65X40	Same construction
3	G308MF	Dark Grey	115X65X55	Same construction
4	G311MF	Dark Grey	115X90X55	Same construction
5	G331MF	Dark Grey	115X90X80	Same construction
6	G313MF	Dark Grey	171X121X55	Same construction
7	G340MF	Dark Grey	171X121X80	Same construction
8	G317MF	Dark Grey	222X146X55	Same construction
9	G353MF	Dark Grey	222X146X75	Same construction
10	G300MF	Dark Grey	90X35X35	Same construction
11	G362MF	Dark Grey	52 x 50 x 35	Same construction
12	G366MF	Dark Grey	82 x 80 x 55	Same construction
13	G368MF	Dark Grey	160 x 80 x 55	Same construction
14	G369MF	Dark Grey	160 x 80 x 85	Same construction
15	G386MF	Dark Grey	120 x 120 x 60	Same construction
16	G387MF	Dark Grey	120 x 120 x 90	Same construction