



ELECTRONICS TESTING CENTER, TAIWAN
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Testing Laboratory
 2624

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 Issue Date : Aug. 21, 2018

TEST REPORT

Rep. No. : 18-08-VAA-054
 Applicant : Gainta Industries Ltd.
 Address : 1F., No. 28 , Lane 54 , Chung Cheng Road , Hsin
 Tien District , New Taipei City , Taiwan
 Commodity : Sealed Plastic Box
 Model : G353-IP67, G386-IP67, G313-IP67
 Series Model : See Page 15,16.
 Quantity : 3 sets
 Date of Receipt : Aug. 09, 2018
 Date of Testing : Aug. 10, 2018
 Test specification : IEC 60529 Edition 2.2 2013-08
 Ambient Environment : Temp. 24 °C, R.H. 68 %, A.P. 977 mbar
 Test Item : IP67
 Test condition & result : See the following sheet

General remarks :

The test results presented in this report relate only to the object tested.
 This report shall not be reproduced, except in full, without the written approval of the
 Issuing testing laboratory.

Approved by :


 Jimmy Lin





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1. Test Item : IP67

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 IEC 60529 cl13.4 test)

- Dust:Talcum powder.
- The amount of dust:2 kg/m³.
- Maximum depression of 2kPa.(20mbar).
- The duration of the test is 8 hr.

2.3 IPX7 (In accordance with IEC 60529 cl14.1/14.2.7 test)

- Water depth:1000 mm above the bottom of specimen.
- The duration of the test is 30 min.
- The water temperature does not differ from that of the equipment by more than 5 K.

3. Test Result :

IP Code	Results	Acceptance Criteria
IP6X	No dust has entered.	IEC 60529 cl13.6
IPX7	No water has entered.	IEC 60529 cl14.3
Test Model : G353-IP67, G386-IP67, G313-IP67		

Tested by : Mark Chen
 Mark Chen

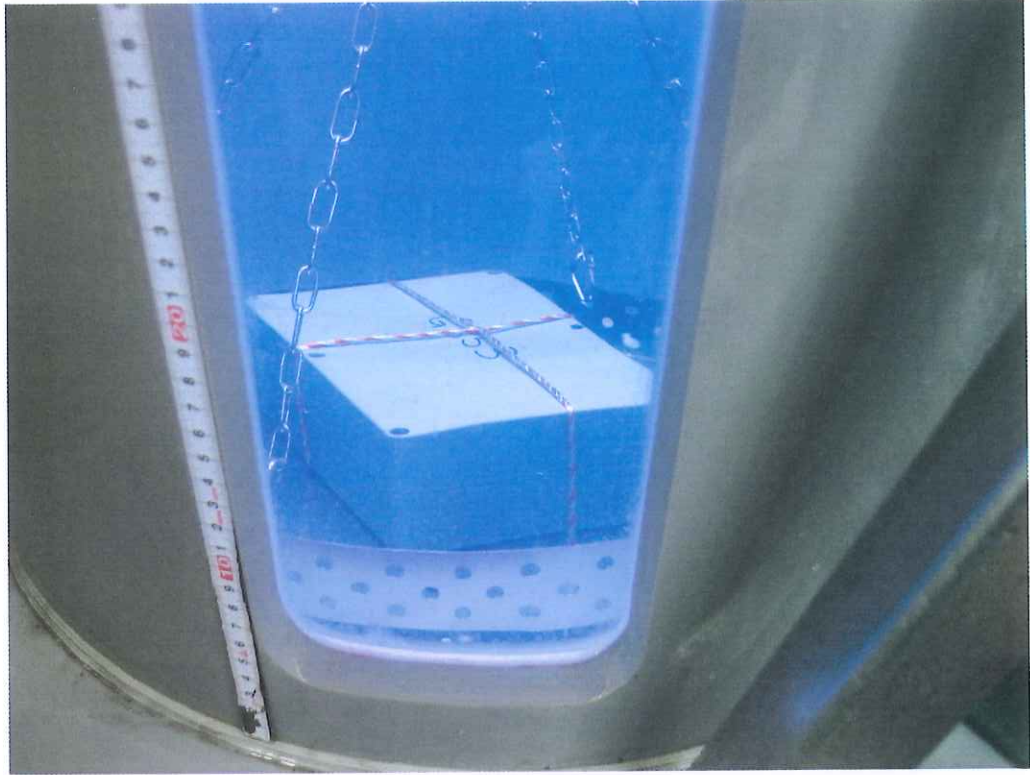
Model : G353-IP67



Model : G353-IP67



IPX7 Test.



After IPX7 test : No water entered.



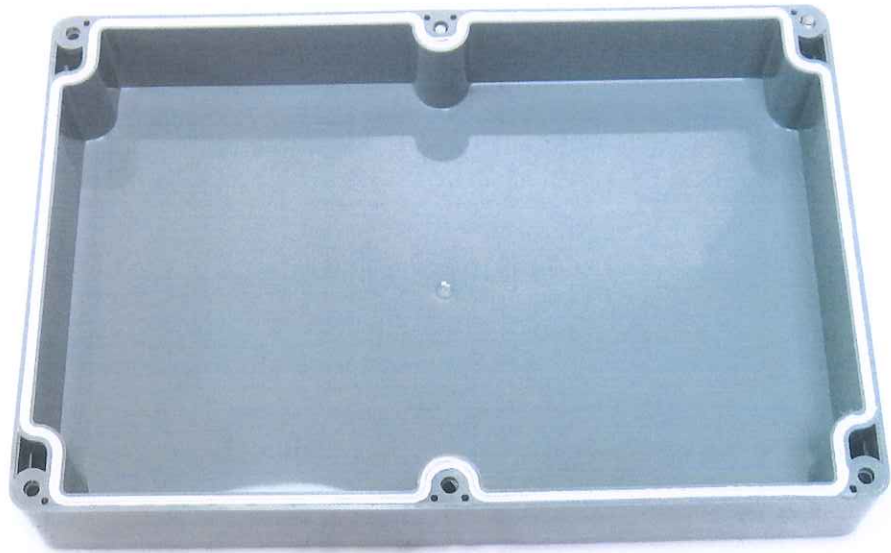


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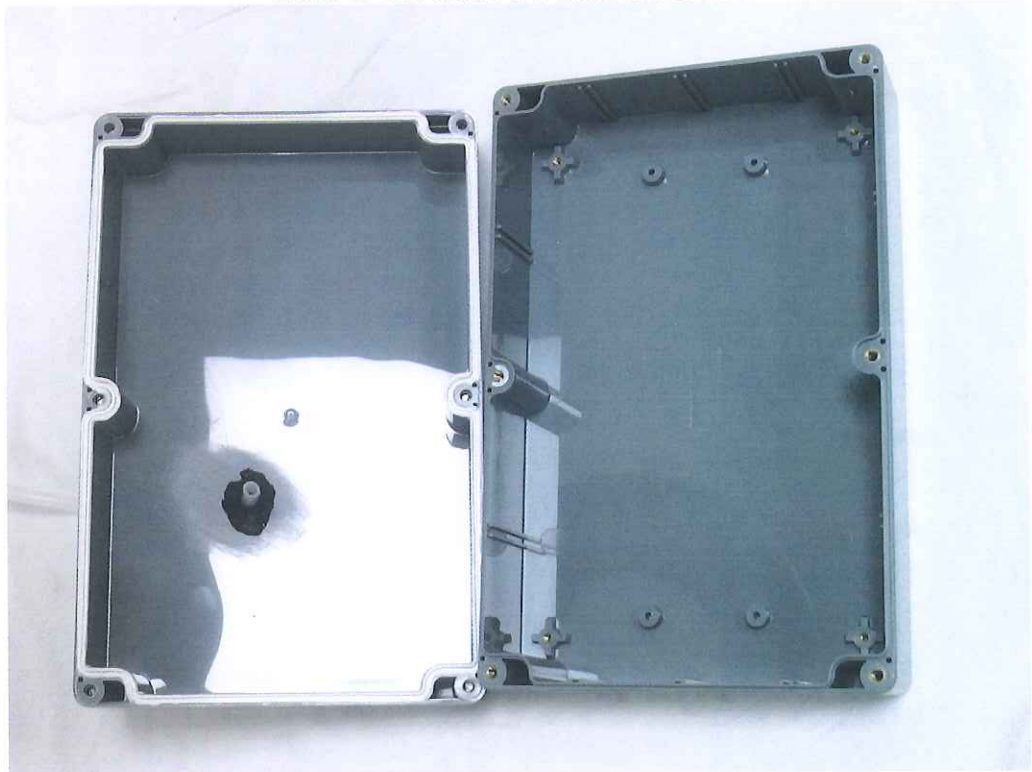
After IPX7 test : No water entered.



IP6X Test



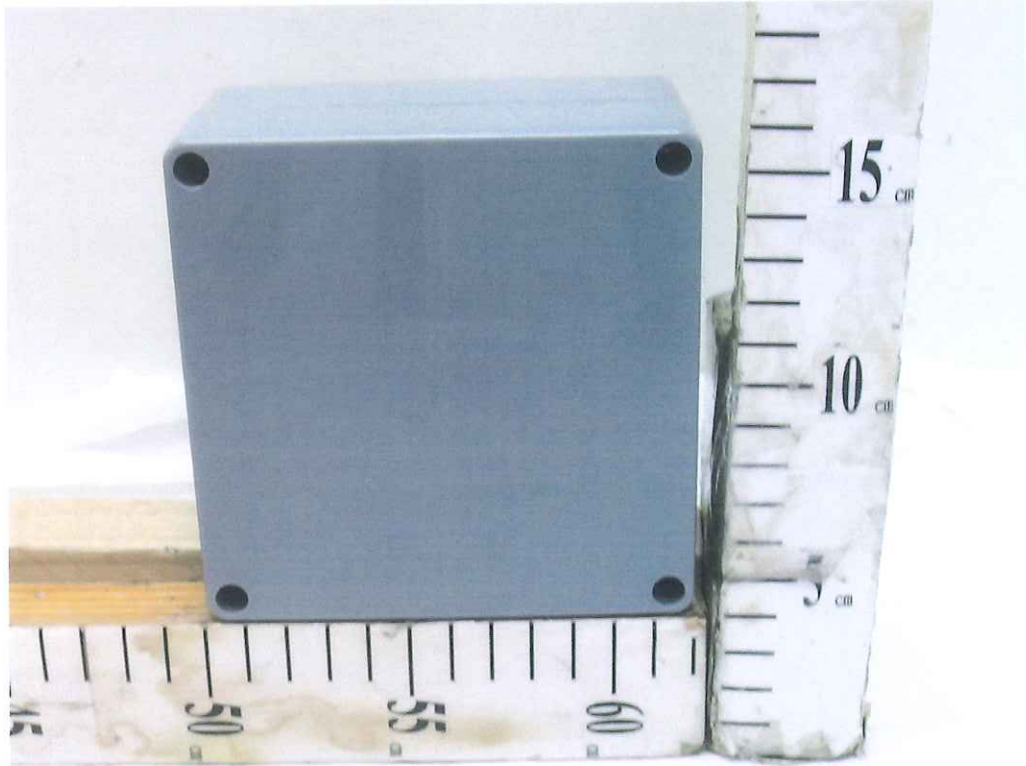
After IP6X test : No dust entered .



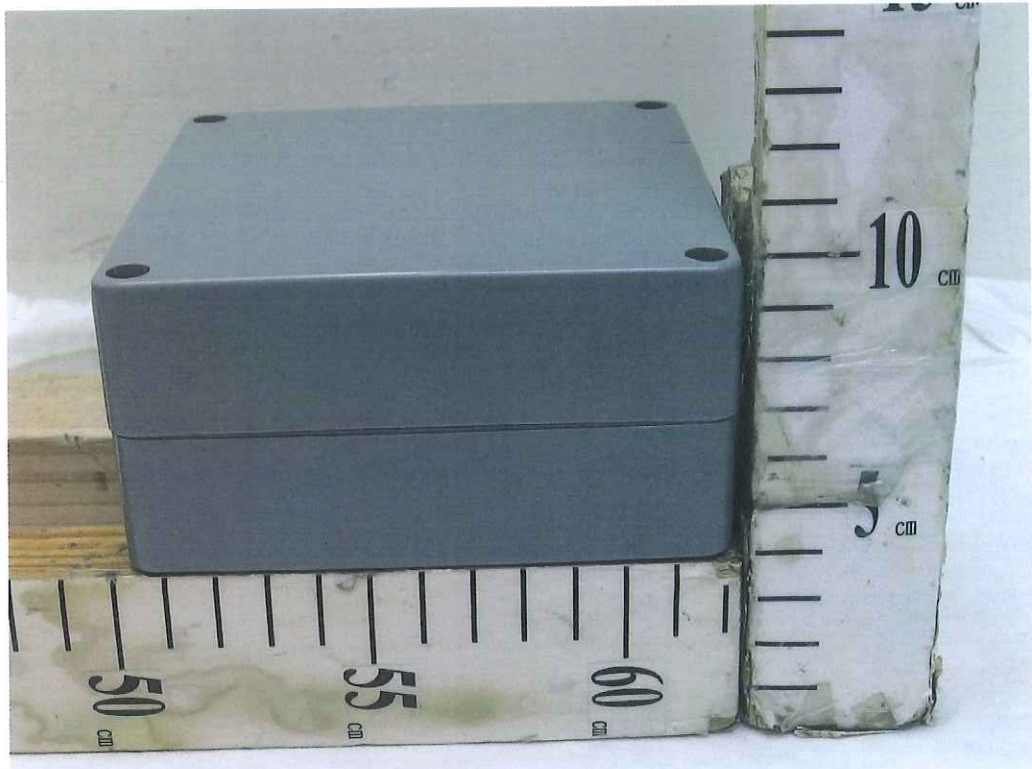
After IP6X test : No dust entered .



Model : G386-IP67



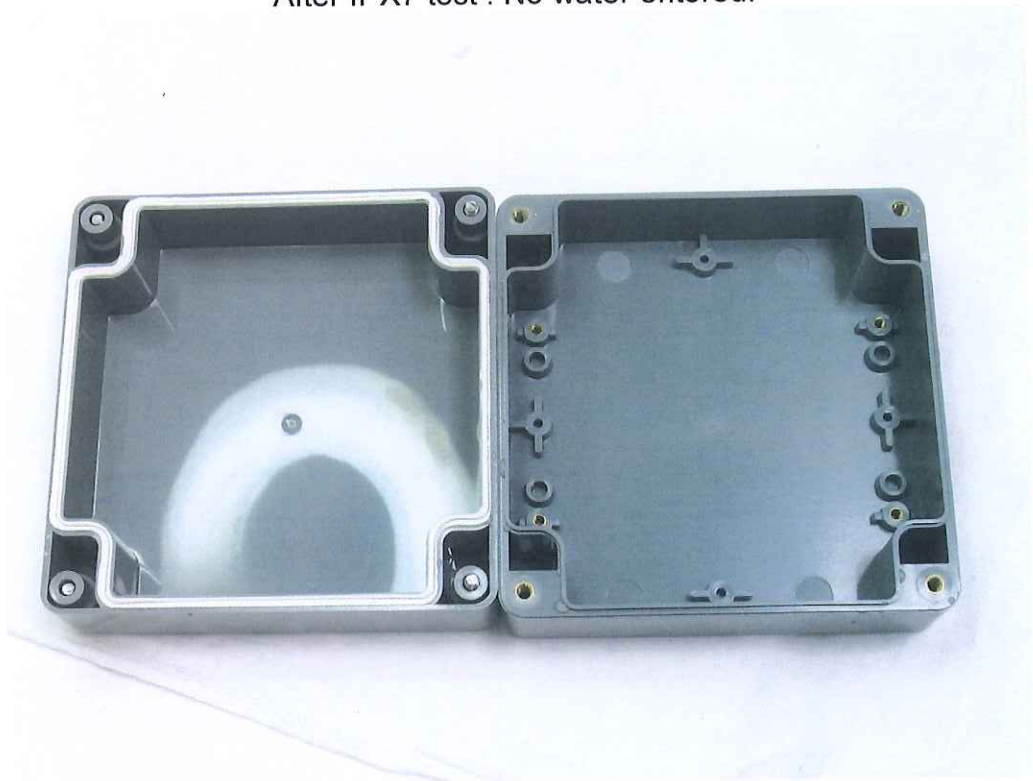
Model : G386-IP67



IPX7 Test.



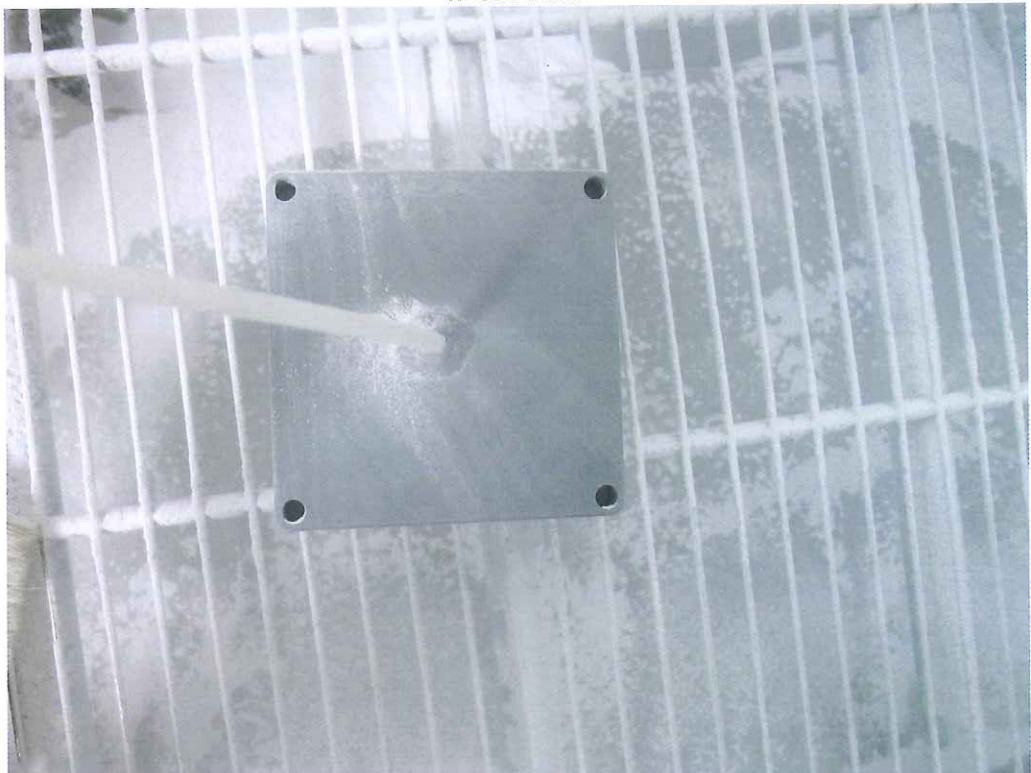
After IPX7 test : No water entered.



After IPX7 test : No water entered.



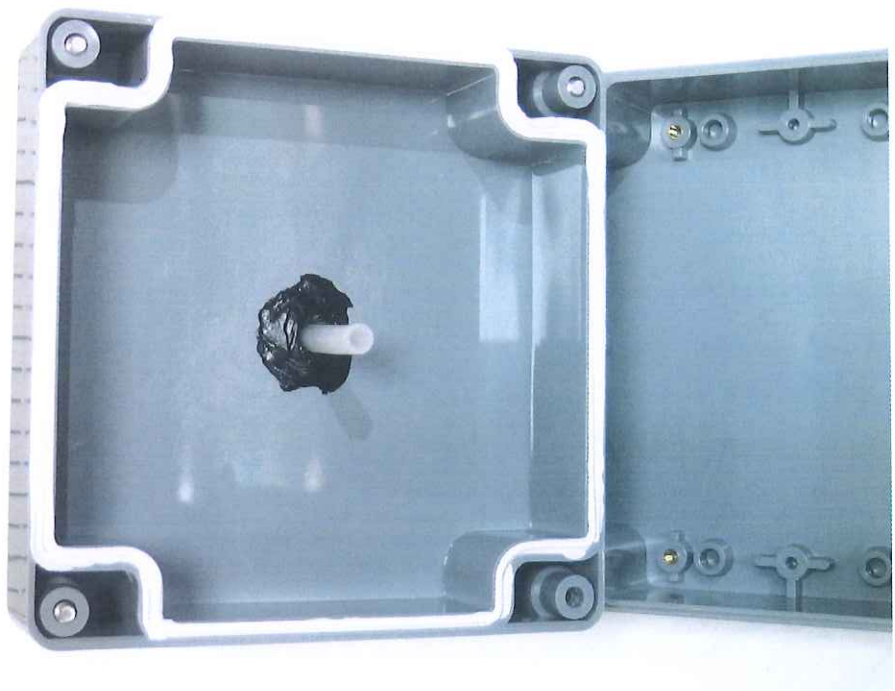
IP6X Test



After IP6X test : No dust entered .



After IP6X test : No dust entered .



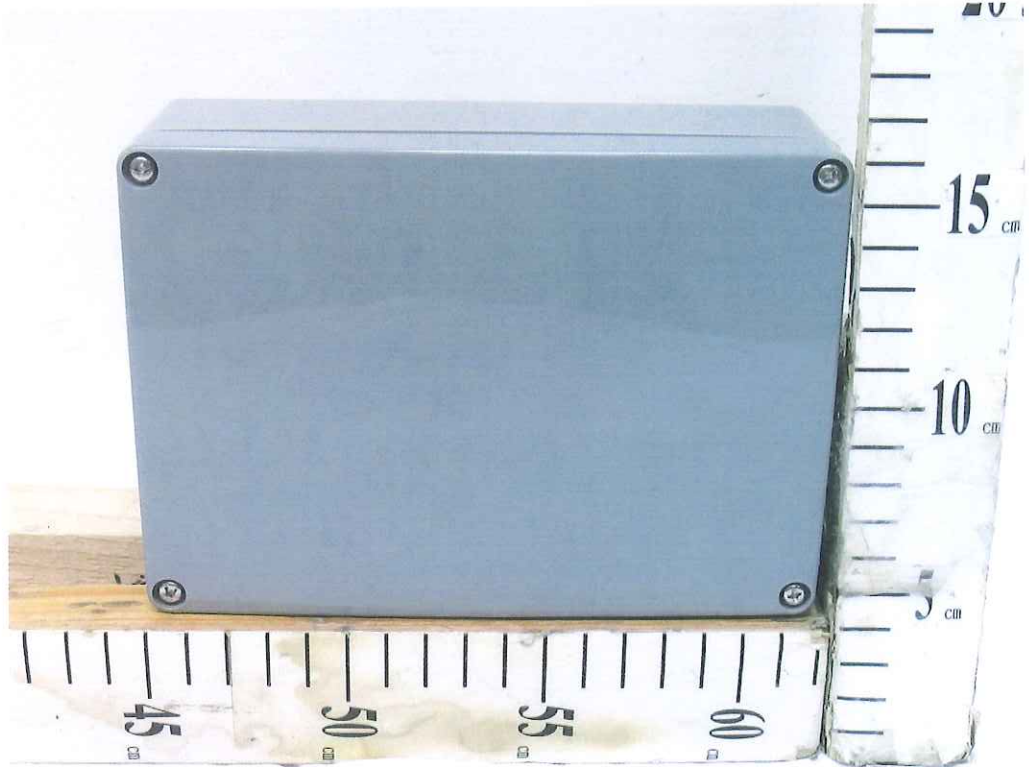


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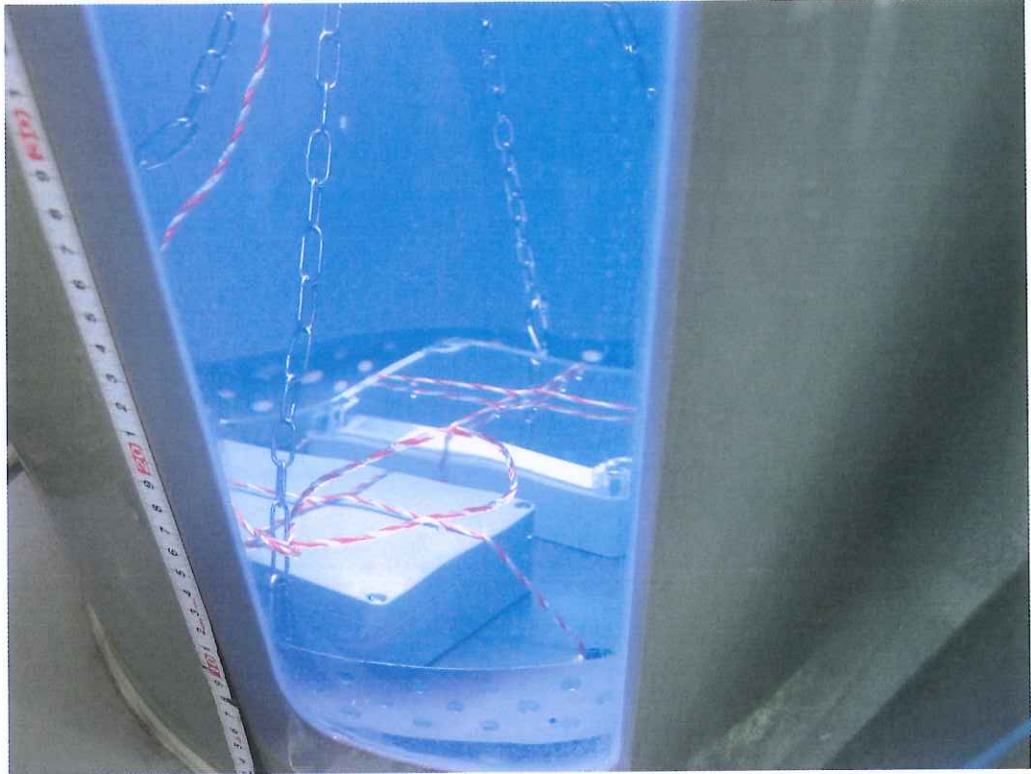
Model : G313-IP67



Model : G313-IP67



IPX7 Test.



After IPX7 test : No water entered.



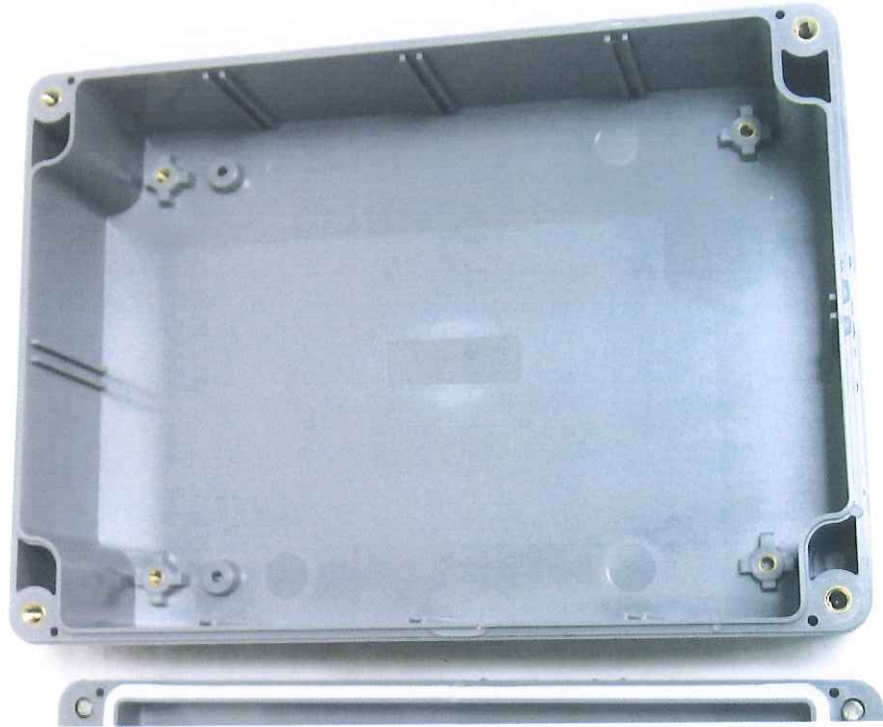


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After IPX7 test : No water entered.



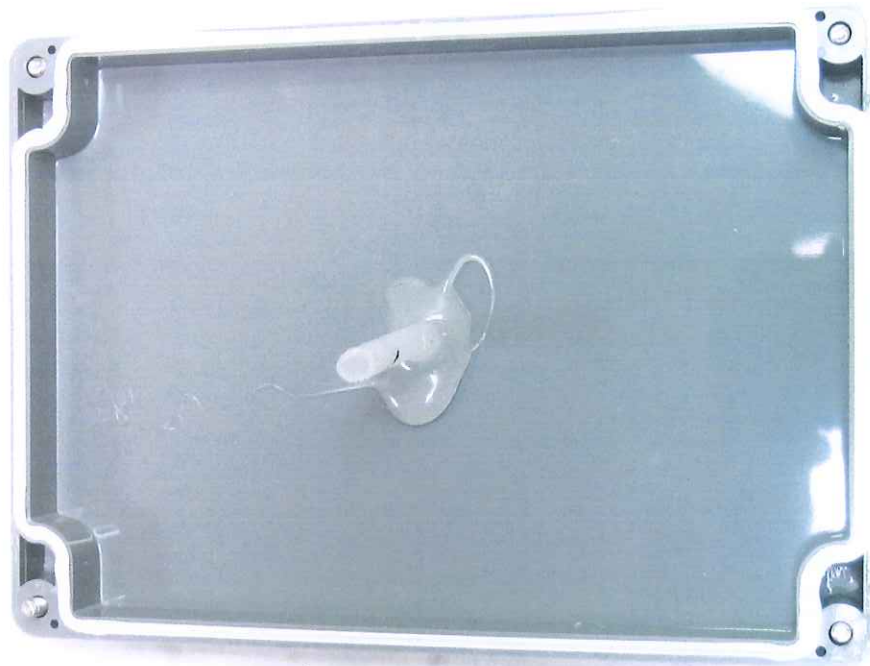
IP6X Test



After IP6X test : No dust entered .



After IP6X test : No dust entered .





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MODEL Difference: Series models dactared by applicant.

	Model	Dimension mm.	Material	Construction
1	G300MF-IP67	90 x 35 x 35	ABS	Same
2	G302MF-IP67	64 x 58 x 35	ABS	Same
3	G304MF-IP67	115 x 65 x 40	ABS	Same
4	G308MF-IP67	115 x 65 x 55	ABS	Same
5	G311MF-IP67	115 x 90 x 55	ABS	Same
6	G313MF-IP67	171 x 121 x 55	ABS	Same
7	G317MF-IP67	222 x 146 x 55	ABS	Same
8	G331MF-IP67	115 x 90 x 80	ABS	Same
9	G340MF-IP67	171 x 121 x 80	ABS	Same
10	G353MF-IP67	222 x 146 x 75	ABS	Same
11	G362MF-IP67	52 x 50 x 35	ABS	Same
12	G366MF-IP67	82 x 80 x 55	ABS	Same
13	G368MF-IP67	160 x 80 x 55	ABS	Same
14	G369MF-IP67	160 x 80 x 85	ABS	Same
15	G386MF-IP67	120 x 120 x 60	ABS	Same
16	G387MF-IP67	120 x 120 x 90	ABS	Same
※ COLOR LID: DARK GREY, BASE: DARK GREY				



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MODEL Difference: Series models dactared by applicant.

	Model	Dimension mm.	Material	Construction
1	G302-IP67	64 x 58 x 35	ABS	Same
2	G304-IP67	115 x 65 x 40	ABS	Same
3	G308-IP67	115 x 65 x 55	ABS	Same
4	G311-IP67	115 x 90 x 55	ABS	Same
5	G313-IP67	171 x 121 x 55	ABS	Same
6	G317-IP67	222 x 146 x 55	ABS	Same
7	G331-IP67	115 x 90 x 80	ABS	Same
8	G340-IP67	171 x 121 x 80	ABS	Same
9	G346-IP67	195 x 80 x 55	ABS	Same
10	G353-IP67	222 x 146 x 75	ABS	Same
11	G362-IP67	52 x 50 x 35	ABS	Same
12	G366-IP67	82 x 80 x 55	ABS	Same
13	G368-IP67	160 x 80 x 55	ABS	Same
14	G369-IP67	160 x 80 x 85	ABS	Same
15	G386-IP67	120 x 120 x 60	ABS	Same
16	G387-IP67	120 x 120 x 90	ABS	Same
17	G396-IP67	160 x 160 x 60	ABS	Same
18	G399-IP67	160 x 160 x 90	ABS	Same
✘ COLOR LID: DARK GREY , BASE: DARK GREY.				



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Utilized testing equipments

used	Instrument I.D.	Equipment Name	Mfg.	Model No.	Calibration Date Last	Calibration DateDue
<input type="checkbox"/>	122	Test sphere(50mm) (IP1X)	FIMKO	EN 60529 Tab. VI A, 1.	2015/10/30	2018/10/29
<input type="checkbox"/>	118	Test sphere(12.5mm) (IP2X)	FIMKO	EN 60529 Tab. VII 2, 1.	2015/10/30	2018/10/29
<input type="checkbox"/>	120	Test probe C,2.5mm(D)x100mm(L) (IP3X)	FIMKO	EN 60529 Tab. VI C, 1.	2015/10/30	2018/10/29
<input type="checkbox"/>	119	Test probe D,1mm(D)x100mm(L) (IP4X)	FIMKO	EN60529/Ta b.VI D.1.	2015/10/30	2018/10/29
<input checked="" type="checkbox"/>	13549405-001	Dust Test Chamber (IP5X, IP6X)	T-MACHI NE	TMJ-9723C	2017/8/28	2018/8/27
<input type="checkbox"/>	13549001-001	Drip Box (IPX1, IPX2)	PTL	P 01.16	2018/8/1	2019/7/31
<input type="checkbox"/>	13549001-001	Oscillating Tube Controller (IPX3, IPX4)	PTL	P 02.27	2018/8/1	2019/7/31
<input type="checkbox"/>	13549006-001	Spray nozzle (IPX3, IPX4)	ASIA	SNZ-1	2018/5/10	2019/5/9
<input type="checkbox"/>	13549001-001	Oscillating Tube (R200) (IPX3, IPX4)	ALAB	CH-R200	2018/8/1	2019/7/31
<input type="checkbox"/>	13549001-001	Oscillating Tube (R400) (IPX3, IPX4)	PTL	P 02.51-065	2018/8/1	2019/7/31
<input type="checkbox"/>	13549001-001	Oscillating Tube (R600) (IPX3, IPX4)	PTL	P 02.52-045	2018/8/1	2019/7/31
<input type="checkbox"/>	13549001-001	Oscillating Tube (R800) (IPX3, IPX4)	ALAB	CH-R800	2018/8/1	2019/7/31
<input type="checkbox"/>	13549001-001	Oscillating Tube (R1000) (IPX3, IPX4)	PTL	P 02.54-005	2018/8/1	2019/7/31
<input type="checkbox"/>	13549001-001	Hose Nozzle (IPX5, IPX6)	PTL	P 02.94	2018/8/1	2019/7/31
<input checked="" type="checkbox"/>	13549011-001	Water Butt (IPX7, IPX8)	T-MACHI NE	TMJ-9710C	NCR	NCR
<input checked="" type="checkbox"/>	---	Ruler	EK	1000 mm	2018/7/22	2021/7/21
<input checked="" type="checkbox"/>	53490201-001	Digital Thermometer	Yokogawa	2455	2018/6/29	2019/6/28
<input checked="" type="checkbox"/>	13480514-004	Digital Thermo Recorder	T&D	TR-73U	2018/6/12	2019/6/11
<input type="checkbox"/>	13500201-001	Pull/Push Gage	AIKOH	AE-50	2017/12/7	2018/12/6
<input checked="" type="checkbox"/>	---	Stop watch	Casio	HS-3	2017/8/29	2018/8/28
<input type="checkbox"/>	13035709-001	AC/DC Withstanding Voltage Tester	KIKUSUI	TOS 5301	2018/7/17	2019/7/16
<input checked="" type="checkbox"/>	13491036-001	TEMP/HUMI Recorder	ISUZU	TH-27R	2018/7/26	2019/7/25