





TEST REPORT

1. NO : CT21-097709E
2. Client
 - Name : COMFILE TECHNOLOGY Inc
 - Address : Comfile Building, 11-9, Gamasan-ro 27-gil, Guro-gu, Seoul, Korea
3. Date of Test : 2021.09.07 ~ 2021.09.29
4. Use of Report : Quality control
5. Test Sample : CWR-070WR
6. Test Method
 - (1) IEC 60529 Ed. 2.2 b:2013

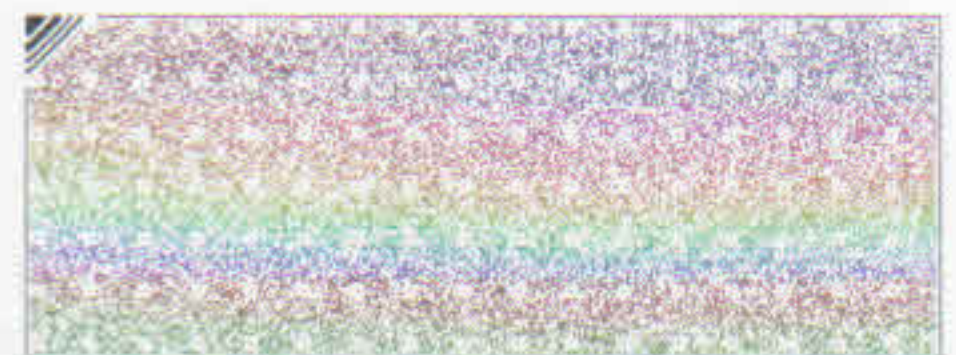
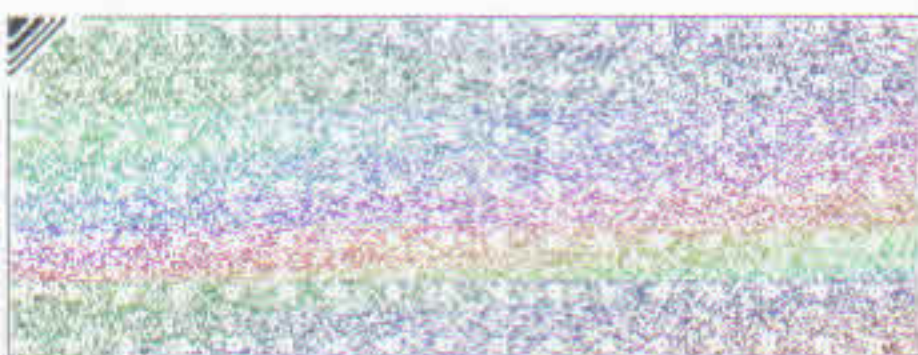


Affirmation	Tested By Name : Jong Hyun Seo		Technical Manager Name : Shin Hyun Chul	
1. Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. 2. The test results are not indicative of representative of the qualities of 3. the lot from which the sample was taken or of apparently identical or similar products. 3. The results of using only a portion of this report cannot be guaranteed. 4. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr)				

2021.09.29

Korea Conformity Laboratories President Yoon, Kap Seok *joon, kapseok*

Result Inquiry : 85, Dambang-ro, Namdong-gu, Incheon, Republic of Korea (82-32-728-5514)



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7. Test Results

Test Items	Unit	Test method	Test Results	Remark	Location
IP6X (Degrees of protection against access to hazardous parts and against solid foreign objects)	-	(1) IEC 60529 Ed. 2.2 b:2013	The full diameter of the object probe not pass through an opening of the enclosure. Adequate clearance have kept between the access probe and the hazardous area. No deposit of dust inside the enclosure	(23.0 ± 2.0) °C, (62 ± 3) % R.H.	A
IPX5 (Degrees of protection against ingress of water)	-	(1) IEC 60529 Ed. 2.2 b:2013	No ingress of water inside the enclosure	(22.0 ± 2.0) °C, (62 ± 2) % R.H.	

▶ IP6X Test Method :

- Degrees of protection against access to hazardous parts :

The access probe is pushed against or inserted through any openings of the enclosure with the force Specified in table 6(1N ± 10 %).

- Degrees of protection against solid foreign objects :

Depressurize through the hose lower than 2 kPa and progress to test 8 h in the dust chamber.

▶ IPX5 Test Method :

- Internal diameter of the nozzle : 6.3 mm

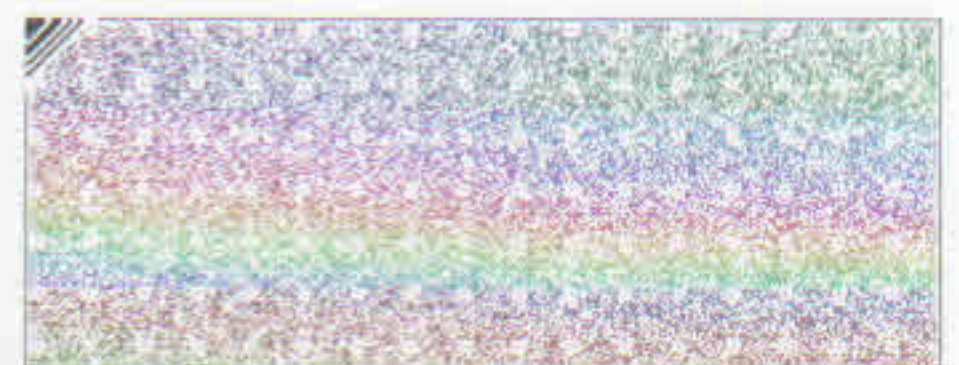
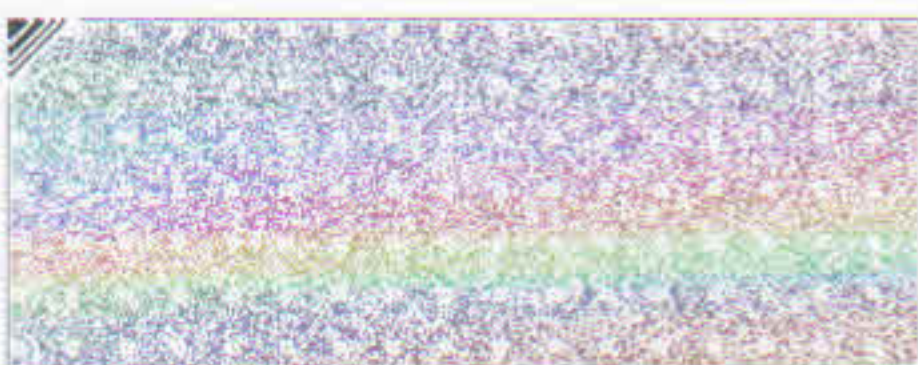
- Delivery rate : 12.5 L/min ± 5 %

- Distance from nozzle to enclosure surface : between 2.5 m and 3.0 m

- Test duration per square metre of enclosure surface area likely to be sprayed : 1 minute

- The duration of the test is 3 minutes.

※ Location : A. 85, Dambang-ro, Namdong-gu, Incheon, Korea



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▶ Test sample



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No : CT21-097709E

► Test scene

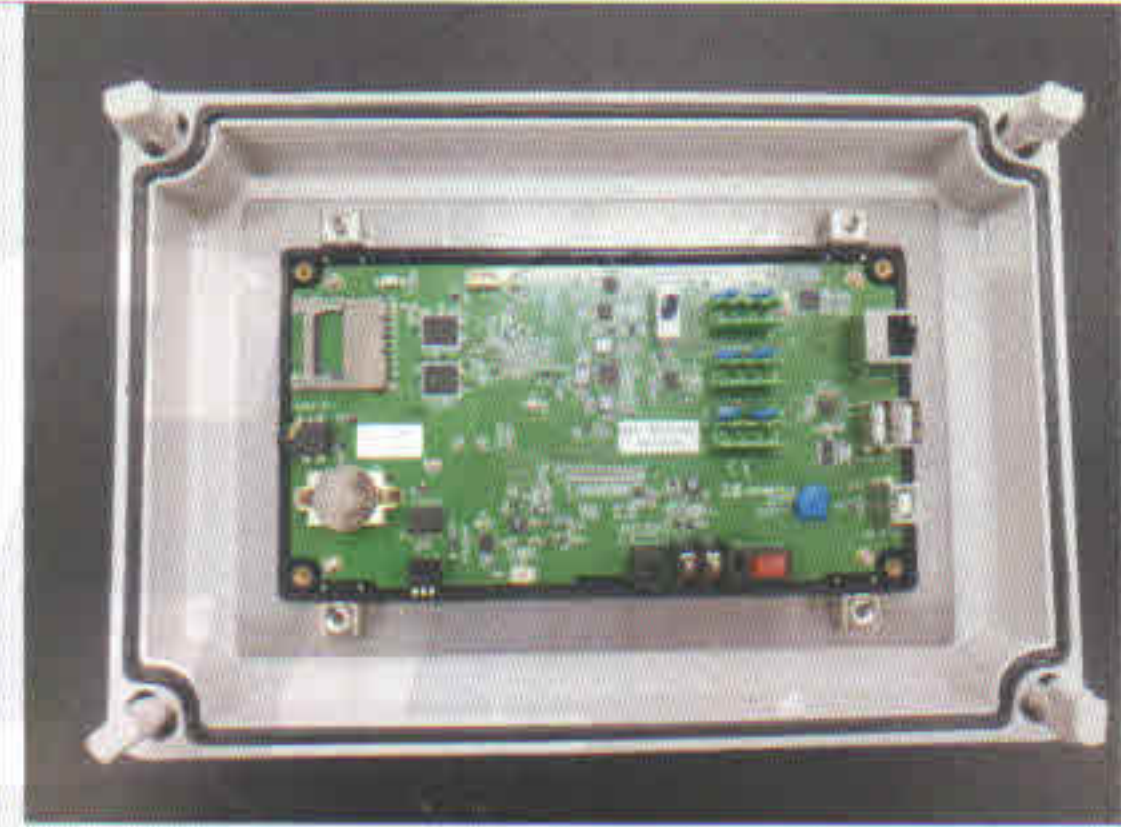
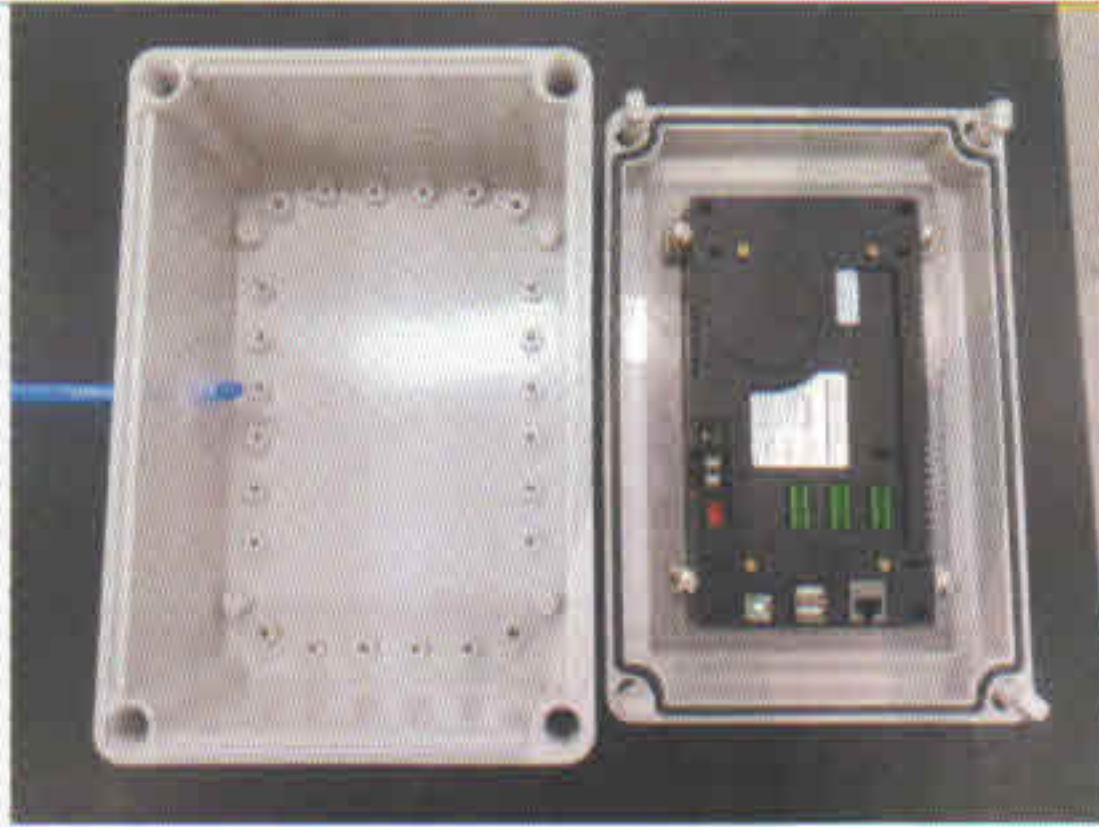


Before



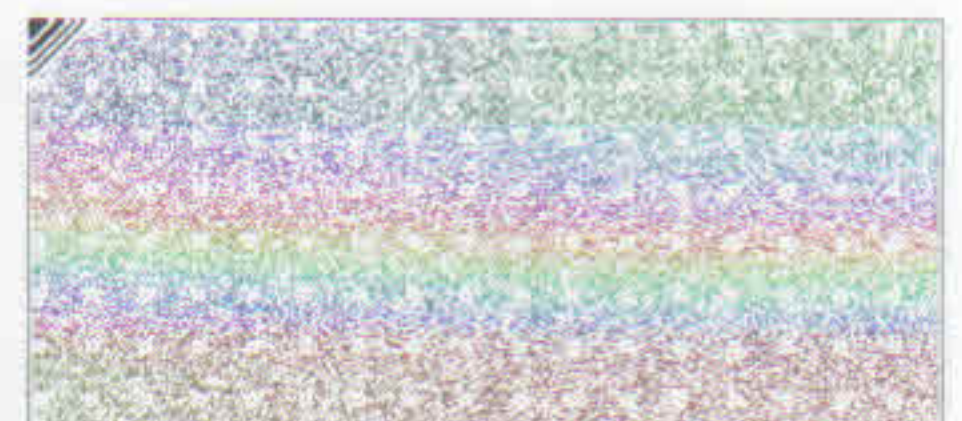
After

IP6X_Against ingress of solid foreign objects test



After IP6X_Against ingress of solid foreign objects test

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IPX5_Against ingress of water with harmful effects test



After IPX5_Against ingress of water with harmful effects test

----- End of Report -----

