



Applicant : Acnodes Corporation
14628 Central Avenue, Chino CA 91710, U.S.A.

Description : Sample Name Stainless Steel PCH 8 Series
Model Name PCH-8215
Date of Received Jan. 25, 2021
Date of Testing Jan. 26, 2021

Test Required : As requested by the applicant, please see following sheets in detail.

Conclusion	Test Information	Q'ty	Test Result	Page
	Degrees of protection provided by enclosures: IPX7	1	PASS	3
	High-Pressure/Steam Jet Cleaning Test: IPX9K	1	PASS	4

Testing Site : No. 869-1, Rongxing Rd., Bade Dist., Taoyuan City 334, Taiwan (R.O.C.)

Certificate : TAF/ ilac-MRA Certificate of Independent Test Laboratory/ Approval Certificate No.: 1723

Authorized by:
On behalf of World Advance Co., Ltd

Casper Lu

Casper Lu
Manager



Notes :

- This report will be invalid if duplicated or photocopied in part.
- This report refers only to the specimen(s) submitted to test, and is invalid as separately used.

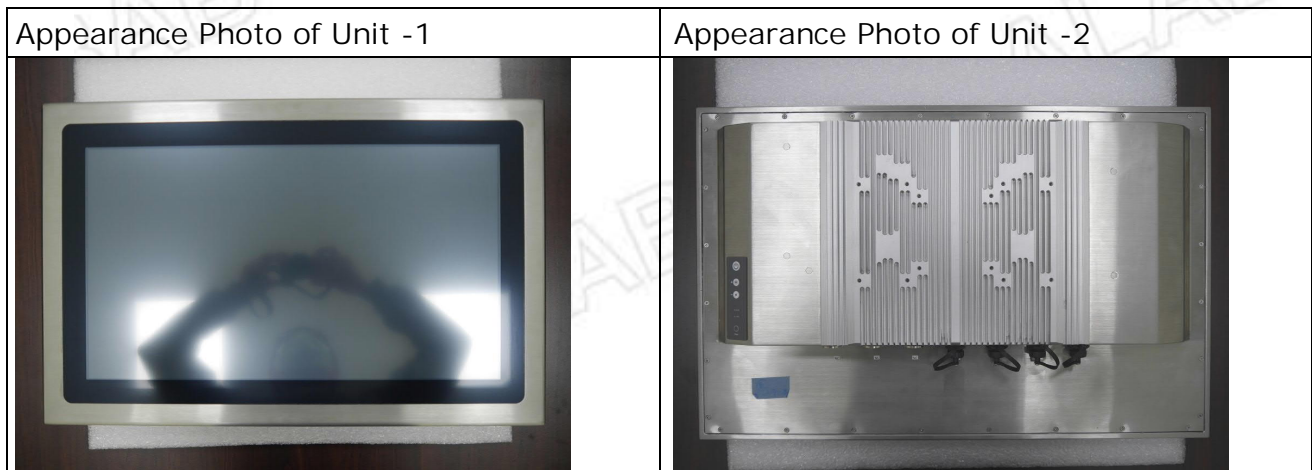


Revision History

Report No.	Rev.	Issue Date	Revision Description
EVT-J94-1002A	A	Jan. 29, 2021	First release
EVT-J94-1002A2	A2	Feb. 02, 2021	Additional Report Revised the applicant information, sample name and model name.

Sample Description

Sample Name	Stainless Steel PCH 8 Series
Model Name	PCH-8215
Serial Number	001
Test Quantity	1
Function Check	—
Unit Dimension	590 x 380 x 65 mm (L x D x H)
Unit Weight	9.37 kg
Remark	—





1. Degrees of protection provided by enclosures : IPX7

Test Date : Jan. 26, 2021

Test Equipment :

Apparatus name : International Protection X1-9K System

Brand : ALAB

Model : AB-IPWT-X1TO9

Laboratory Ambience Condition :

Temperature : 25 °C

Humidity : 60 %RH

Test Reference Document :

The test was performed with reference to IEC60529: 2013

Test Condition :

Item	Test means	Water flow rate	Depth of Water (m)	Duration time (h : min)
IPX7	Immersion tank	—	1	00:30

Test Result :

Model Name / Serial Number	PASS	FAIL	No Judgment
PCH-8215 / S/N: 001	V	—	—

Test Criteria :

- There is no trace of water inside.



2. High-Pressure/Steam Jet Cleaning Test : IPX9K

Test Date : Jan. 26, 2021

Test Equipment :

Apparatus name : International Protection X1-9K System

Brand : ALAB

Model : AB-IPWT-X1TO9

Laboratory Ambience Condition :

Temperature : 25 °C

Humidity : 60 %RH

Test Reference Document :

The test was performed with reference to ISO20653 part 9 table 7: 2013

Test Condition :

Item	Water Temp. (°C)	Water pressure (kPa)	Turntable speed (rpm/min)	Water flow rate (L/min)
IPX9K	80 ±5	8000~10000	5 ±1	14 ~ 16
	Spray positions (°)	Distance of nozzle (mm)	Duration time/ Per position (min : s)	
	0, 30, 60, 90	100 ~ 150	00:30	

Test Result :

Model Name / Serial Number	PASS	FAIL	No Judgment
PCH-8215 / S/N: 001	V	—	—

Test Criteria :

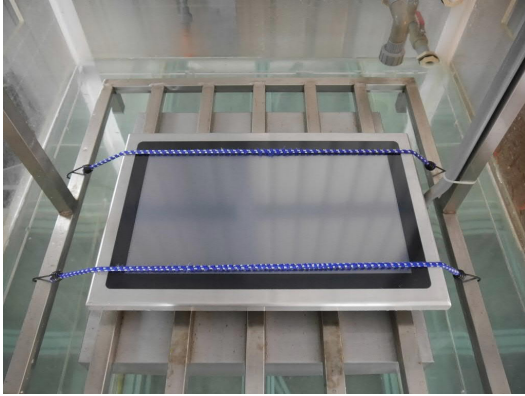
- There is no trace of water inside.



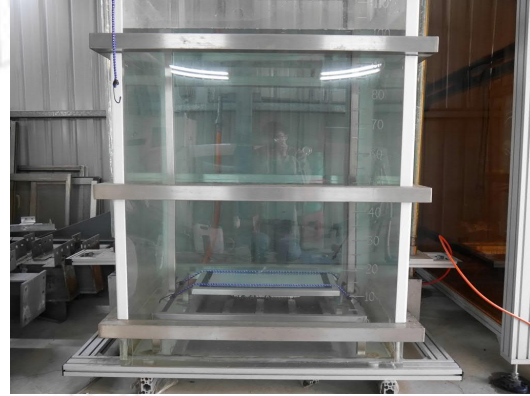
Test photo :

1 Degrees of protection provided by enclosures : IPX7

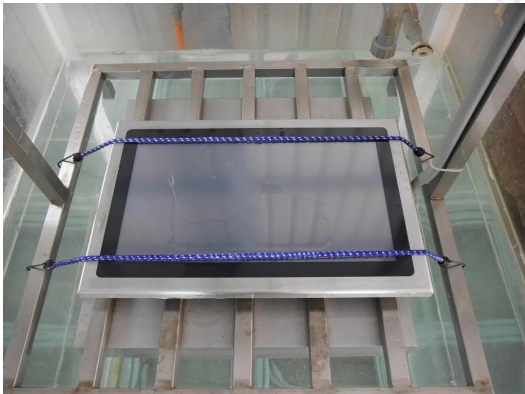
1-1 IPX7 Before Test



1-2 IPX7 Testing



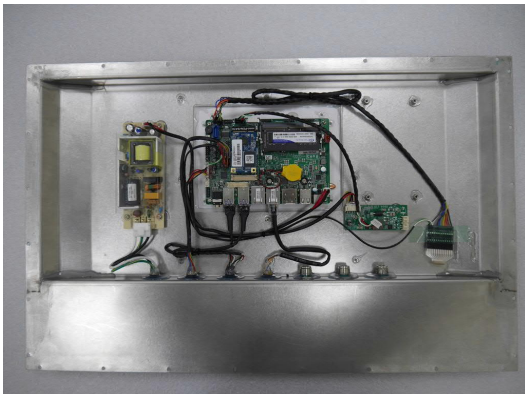
1-3 IPX7 After Test -1



1-4 IPX7 After Test -2



1-5 IPX7 After Test -3



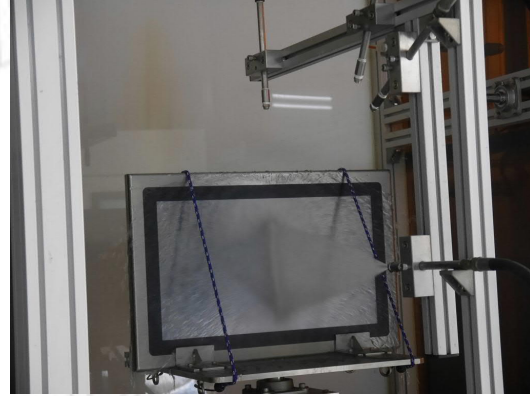


2 High-Pressure/Steam Jet Cleaning Test: IPX9K

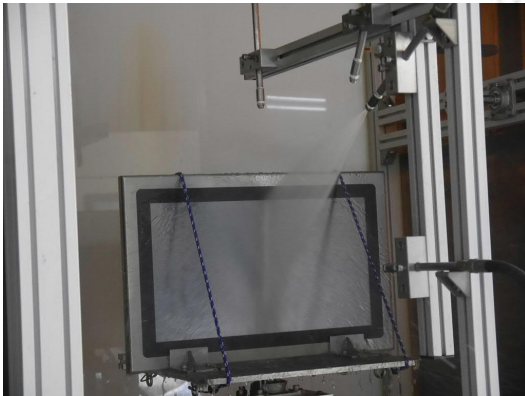
2-1 IPX9K Before Test



2-2 IPX9K Testing 0°



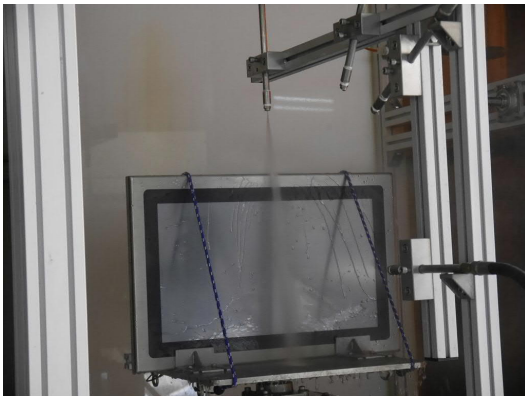
2-3 IPX9K Testing 30°



2-4 IPX9K Testing 60°



2-5 IPX9K Testing 90°

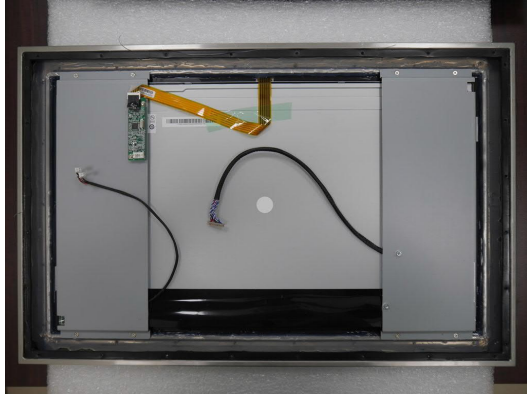


2-6 IPX9K After Test - 1

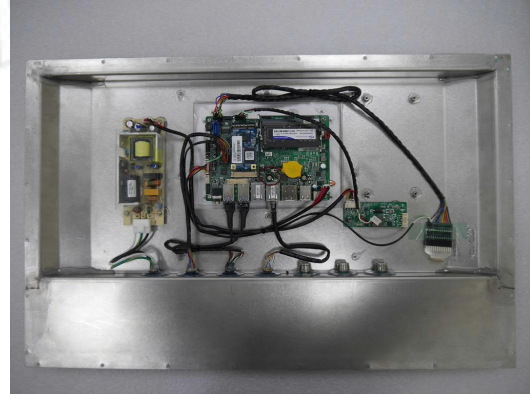




2-7 IPX9K After Test -2



2-8 IPX9K After Test -3



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