



中国认可  
检测  
TESTING  
CNAS L3331

# Test Report

Report No.: MCDL-2021-738-F

Name of EUT: Advanced Digital Pressure Gauge

Client: Additel Corporation



Test Type: Entrust Test

Issue Date: 2021.06.04

Measurement Control Device & System Lab  
Instrumentation Technology & Economy Institute,  
P. R. China  
Test Centre of Mechanical Industry Measure and  
Control Devices & Network Quality

# TEST REPORT

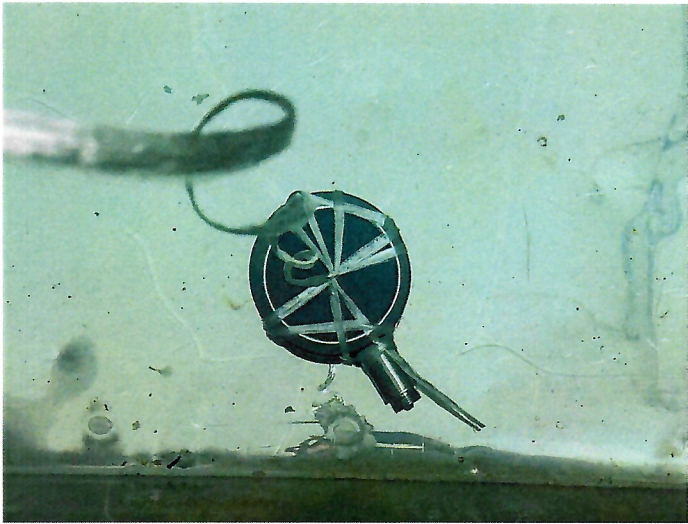
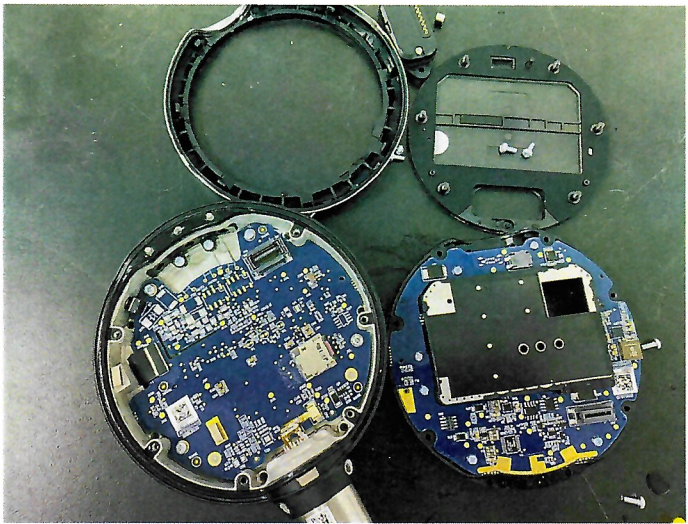

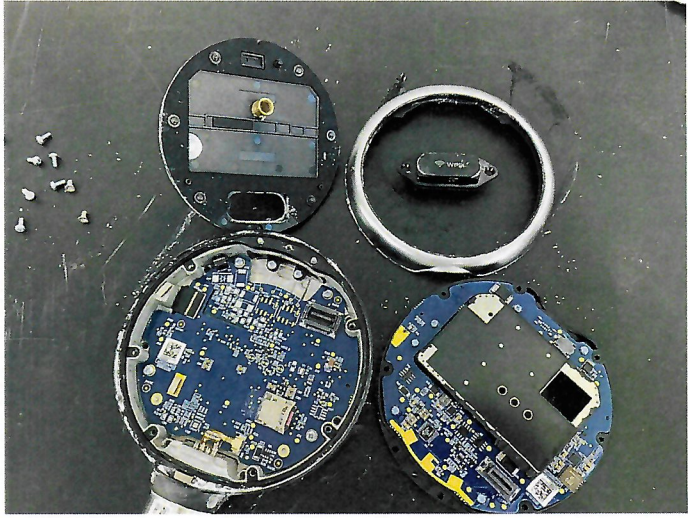
## Measurement Control Device & System Lab of Instrumentation Technology & Economy Institute, P.R.China Test Centre of Mechanical Industry Measure and Control Devices & Network Quality

EUT Name	Advanced Digital Pressure Gauge	Model Name	ADT686	Trade Name	—	
Client Name	Additel Corporation	Company Address	2900 Saturn Street #B,Brea CA 92821,United States			
Test Type	Entrust Test	Sample Mode	Delivering	Arrival Date of Sample	2021.05.31	
Test Location	Measurement Control Device & System Lab of Instrumentation Technology & Economy Institute, P.R.China	Number of EUT	1	Deliverer	Li Xiaoxi	
EUT Code/Serial Number	21-725					
Applied Standard	IEC 60529:2013 Degrees of protection provided by enclosure (IP code)					
Test Date	2021.05.31~06.01	Test Condition	Temperature	23.8℃~26.5℃	Humidity	34.8%~36.9%RH
Test Results	<p>Mesasurement Control Device &amp; System Lab of Instrumentation Technology &amp; Economy Institute, P.R.China/Test Centre of Mechanical Industry Measure and Control Devices &amp; Network Quality entrusted by Additel Corporation, performed the IP67 test for one Advanced Digital Pressure Gauge with model ADT686 according to standards listed in "Applied Standard".</p> <p>The test results see page 2 of this report.</p>					
The test has been done by <i>Liu Yinying</i>		 (Stamp)				
Date: <i>2021.06.02</i>						
This test report is audited by <i>Qiu Hui</i>						
Date: <i>2021.06.03</i>						
This test report is issued under the authority of: <i>Fangxiaosui</i>						
Date: <i>2021.06.04</i>						
Additional Explanation						
Note						

### I. Test Items, Test Results and Determination

No.	Test Items	Unit	Technical Requirements	Test Results	Verdict
1	IP67	—	<p>IP6X:</p> <p>The test is made using a dust chamber.</p> <p>According to the first type of 13.4 in IEC 60529: 2013. Enclosures where the normal working cycle of the equipment causes reductions in air pressure within the enclosure below that of the surrounding air.</p> <p>The test duration is 8h.</p> <p>The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.</p>	No deposit of dust was observable inside the EUT at the end of the test.	Pass
		—	<p>IPX7:</p> <p>a) The highness of EUT is less than 850mm, so the distance of low-water mark of enclosure should be 1000mm;</p> <p>b) Difference in temperature between water and EUT should be 5k;</p> <p>c) Duration of test: 30min.</p> <p>No water is observable inside the EUT at the end of the test. If any water has entered, it shall not be sufficient to interfere with the correct operation of the equipment or impair safety.</p>	No water was observable inside the EUT at the end of the test.	Pass
Note	Blank below				

## II. Test pictures

<p>1. The picture of the IPX7 test.</p>	<p>2. The picture of the EUT after IPX7 test.</p>
	
<p>3. The picture of the IP6X test.</p>	<p>4. The picture of the EUT after IP6X test.</p>
	

## III. Test Device List

No.	Name	Model Name	Device Code	Valid Date of Calibration to	Used during this test("×")
1	Sand and dust test chamber	SC-020	MCDL-04-30-A	2022.09.16	×
2	Protected against the effects of immersion test equipment	DMS-E07	MCDL-04-14-A	2026.07.19	×
3	Stop-watch	JD-1 II	MCDL-02-25-A	2023.05.10	×

# Announce

This report is valid only for corresponding EUT

It is forbidden to copy part of this report

without permission

Name: ITEI Measurement Control Device & System Lab (MCDL) / Test Centre of  
Mechanical Industry Measure and Control Devices & Network Quality (TCDN)

Address: 397A, Guanganmenwai St., Xicheng District, Beijing, 100055, P.R.CHINA

Tel: (86-10)63285762, (86-10) 63261816

Fax: (86-10)63490489

E-mail: FangXS@TC124.com Zhengxu@TC124.com

# Announce

1. This test report is valid only for the corresponding EUT provided by the client.
2. The test data and result in this test report only prove the conformance of test items of EUT.
3. The name, model, source and other information of EUT in this test report are all provided by the client. The test organization is not responsible for the authenticity.
4. This test report is subject to the paper document. This test report is only valid with signatures of writer, auditor, approver, the special seal of test and the official seal of test organization. The multipage test report should have seal on the perforation.
5. Partly copy of this test report or the copy of this test report without official seal is invalid.
6. This test report is invalid if altered.
7. In case of dissidence to this report, please submit written application to the test organization within 15 days since this test report was received. The application will not be accepted if overdue or EUT was taken away.
8. Since all the test items of this test report have finished, the test organization would just reserve EUT 60 days (except liquor or easy-deteriorating EUT). The overdue dispose will be without prior notice.
9. If the functional test data or result of EUT in this test report is provided by the client, the test organization is not responsible for the authenticity.

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