

RCL-ENVESS22M868LOR-01/A (01)

This report cancels and replaces the test report N°RCL-ENVESS22M868LOR-01/A, Edition 00

## CLIMATIC TEST REPORT

### Pressure variation test

According to the standard(s):  
STB-ILN-MAT652-5005D Livrable visé ind-D

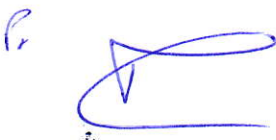
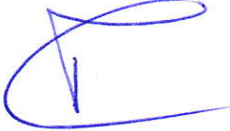
Equipment under test:  
Linear indicator with digital display

Company:  
**LOREME**

DISTRIBUTION: Mr REPERT

Company: LOREME

Number of pages: 11

Ed.	Date	Modified Pages	Written by	Technical & Quality Approval
			Name, function and Visa	Name, function and Visa
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**EQUIPMENT UNDER TEST:**

photo 1

**Part number (P/N) : BGL 136-NAV2 & CALT25 & CAL4/100IG****MANUFACTURER: LOREME****CUSTOMER'S NAME AND ADDRESS:****Company:** LOREME**Address:** 12, rue des Potiers d'Etain Actipôle BORNAY  
B.P 35014  
57071 METZ CEDEX 3 - FRANCE**Contact:** Emmanuel REPPERT**Person(s) who were present during tests: /****PURCHASE ORDER:** N° E230345AMP**TEST DATES:** From 26<sup>th</sup> of May 2023**TEST LOCATION:** Environne'Tech  
49 Boulevard Pré Pommier  
38300 BOURGOIN-JALLIEU  
Laboratoire d'essais**TESTER:** Lilian BOMBARD

# ***SUMMARY***

<b>1. PURPOSE OF TESTS.</b>	<b>4</b>
<b>2. EQUIPMENT UNDER TEST.</b>	<b>4 - 5</b>
<b>3. CUSTOMER SPECIFICATIONS SHEET.</b>	<b>6 - 7</b>
3.1. <i>According to the standard(s):</i> .....	6
3.2. <i>Reminder of the main test criteria:</i> .....	6
3.2.1. <i>Altitude test:</i>	6
3.3. <i>Control and / or verification of proper operation:</i> .....	6
<b>4. EQUIPMENT USED.</b>	<b>7</b>
4.1. <i>Test facilities:</i> .....	7
4.2. <i>Measurement Equipment:</i> .....	7
<b>5. TEST LOG.</b>	<b>8 - 12</b>
5.1. <i>Variant(s) made during the test with regard to the Specifications:</i> .....	8
5.2. <i>Altitude test:</i> .....	8 - 12
5.2.1. <i>Test setup:</i>	8
5.2.2. <i>Test:</i>	9
5.2.3. <i>Visual inspection:</i>	10
5.2.4. <i>Functional check:</i>	10
<b>6. CONCLUSION.</b>	<b>11</b>

## 1. PURPOSE OF TESTS.

The purpose of these tests is to validate the behaviour of the equipment in a climatic environment.

## 2. EQUIPMENT UNDER TEST.

Equipment under test:



photo 2



photo 3



photo 4



photo 5



photo 6



photo 7



photo 8



photo 9



photo 10



photo 11

### **3. CUSTOMER SPECIFICATIONS SHEET.**

The tests are to be carried out according to the following document (s), included in the technical offer Environne'Tech *DNV – 22M868-1*.

#### **3.1. *According to the standard(s):***

MIL-STD-810G Method 500.6 Procedure III

#### **3.2. *Reminder of the main test criteria:***

##### **3.2.1. *Altitude test:***

- Type: Pressure variation
- Pressures: 700 and 1300mbar
- Pressure variations: <200mbar/min
- Duration of the stages: 1 hour
- Condition: ON equipment during testing

#### **3.3. *Control and / or verification of proper operation:***

A visual check is carried out before and after each test.

Functional checks are carried out by an ENVIRONNE'TECH test technician.



#### 4. EQUIPMENT USED.

##### 4.1. Test facilities.

Identity	Designation	Brand and Model	Characteristics
BANC 02	Altitude test	Environne'Tech	overpressure and depression bench from 10 mbar to 1700 mbar absolute

##### 4.2. Measurement Equipment.

Identity	Designation	Brand and Model	Characteristics	Last validity date	Metrological confirmation valid until
BANC 02-01	Pressure transducer	KELLER PAA33X 3B	pressure: 0 - 2 bar absolute	12/04/2022	12/06/2024
SOND-001-04	Thermo sensor	TC 1-T-B10-5METRES	Thermocouple type T, class 1	20/12/2022	20/02/2025
SOND-001-07	Thermo sensor	TC 1-T-B10-5METRES	Thermocouple type T, class 1	20/12/2022	20/02/2025

## 5. TEST LOG.

### 5.1. Variant(s) made during the test with regard to the Specifications:

No variant.

### 5.2. Altitude test:

#### 5.2.1. Test setup:

The equipment is placed in the climatic chamber and the thermocouples are installed, the test can begin.



photo 12



photo 13



photo 14



photo 15



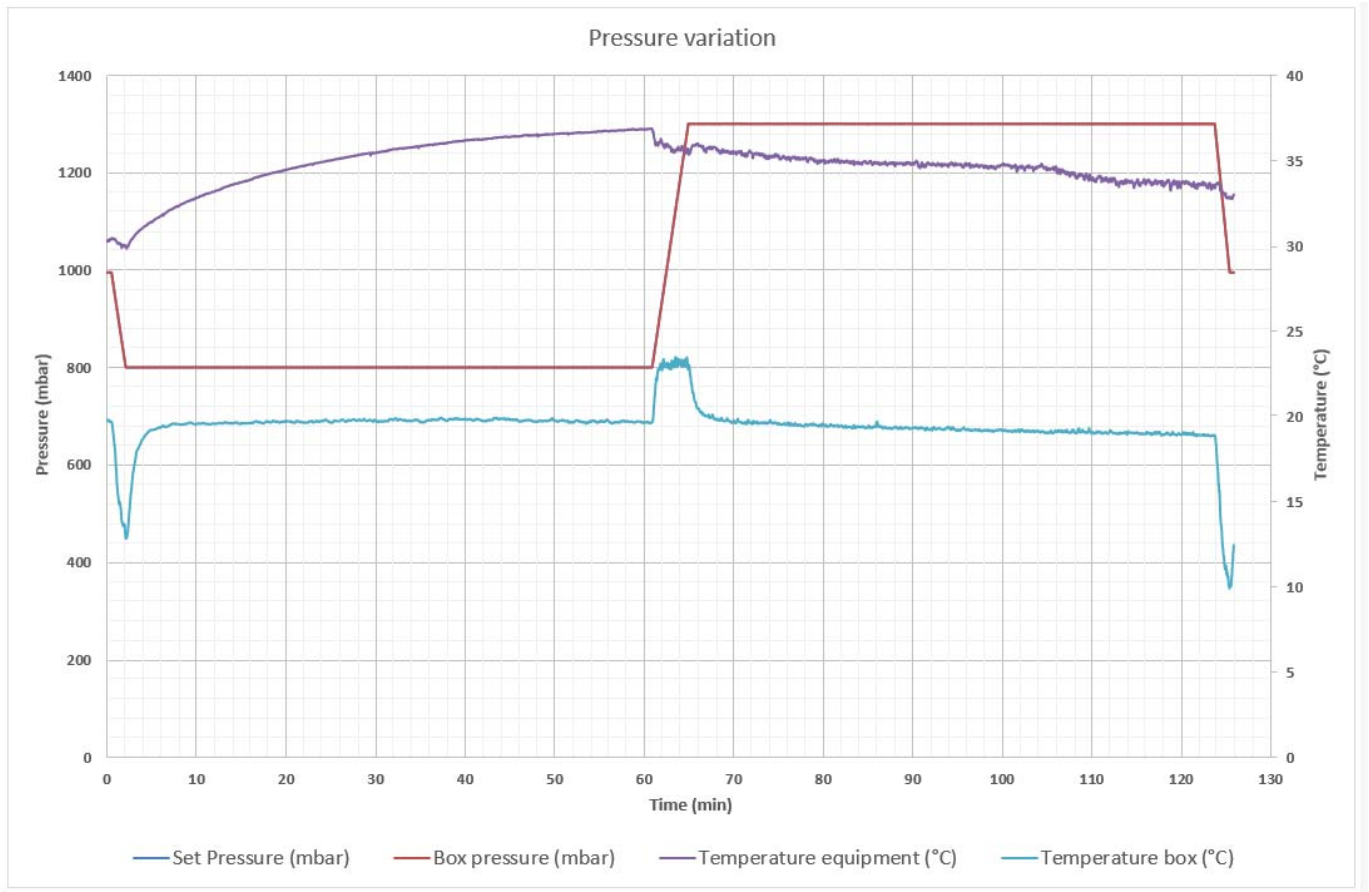


photo 16



photo 17

5.2.2. *Test:*



curve 1

5.2.3. *Visual inspection:*



photo 18



photo 19



photo 20



photo 21

**Results:** At the end of the tests, no visual degradation was observed.

5.2.4. *Functional check:*

**Results:** The equipment is functional, the results are the responsibility of the company LOREME.

## **6. CONCLUSION.**

The equipment was tested in accordance with the test specification described in chapter 3 of this report.

At the end of the tests, no visual degradation was observed.

The equipment is functional, the results are the responsibility of the company LOREME.

Equipment was sent back to LOREME for final assessment.

*□□□ End of report □□□*