



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.

třída Tomáše Bati 299, Louky, 763 02 Zlín, Czech Republic

Testing Laboratory

Testing laboratory * Calibration laboratory * Product certification body * Management systems certification body
Inspection body * Authorized body * Notified body

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TEST REPORT

ref. No. 462206280-01

Client: SEC Technologies s.r.o.
VAT number: SK7120001526

Address: 1. Mája 4269, 031 01 Liptovský Mikuláš, Slovakia

Sample: Metal part – for identification see page 2

Sample received on: January 28, 2025

Tested: January 30, 2025 to February 4, 2025

Report elaborated by: Lenka Nesvadbová

Place and date of issue: Zlín, February 19, 2025



Ing. Jiří Samsonek, Ph.D.
Head of Testing Laboratory

Note: The results given in this Test Report apply only to the sample tested by our laboratory!
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**Description and identification of samples:****Table No. I - Sample description and identification**

ITC's identification number	Sample identification by the client	Description of submitted sample
462206280/01	S/N: MU0101 P/N: A050107 MTU-1A2 Pan Tilt Positioner NSN: 5855160089788	

Sampling method used:

The test sample was collected and supplied to the laboratory by the client. The laboratory is not responsible for this way of sampling. The results apply to the sample received.

Work requested:

Artificial weathering test.

Testing method used:

Artificial weathering test according to MIL-STD-810H standard, method 505.7 Solar radiation section 2.2.2, procedure II and client's request.

Test conditions:

Conditions – 1 cycle:

6h daytime climate in $(49\pm3)^{\circ}\text{C}$, $(60\pm3)\%\text{RH}$, $(1000\pm100)\text{W/m}^2$

4h daytime climate in $(49\pm3)^{\circ}\text{C}$, $(70\pm3)\%\text{RH}$, $(1000\pm100)\text{W/m}^2$

5h daytime climate in $(49\pm3)^{\circ}\text{C}$, $(80\pm3)\%\text{RH}$, $(1000\pm100)\text{W/m}^2$

5h daytime climate in $(49\pm3)^{\circ}\text{C}$, $(70\pm3)\%\text{RH}$, $(1000\pm100)\text{W/m}^2$

4h nighttime climate $(22\pm3)^{\circ}\text{C}$, $(60\pm3)\%\text{RH}$

Total exposure cycles: 4

Evaluation: function test.

Layout in the Solar chamber – see fig. 1:



fig. 1: Layout in the chamber

Deviation from standard:

solar radiation, relative humidity during the test

The laboratory is not responsible for information received from customer, which could have influence on the validity of the results. Further information required by the standard/standards and not given in this Test Report are available at a request at the Laboratory.

Testing laboratory:

Workplace no.: 2 – třída Tomáše Bati 5264, Svit area, building No. 113, 760 01 Zlín

Test result:

In the presence of the client function test of the device after the test was performed by the
No other tests were requested.



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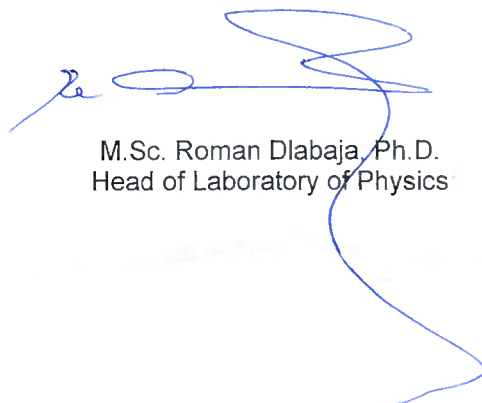
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fig. 2: function test



M.Sc. Roman Dlabaja, Ph.D.
Head of Laboratory of Physics

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