

# ÚJVÁRI PALOTA KFT.

8100 Várpalota, Vásárhelyi u. 31. Tel.:06 20 611 9621 e-mai: [ujvari.palota@gmail.com](mailto:ujvari.palota@gmail.com)

Dokumentum száma: ÚESDM-2019

## ESD MEASUREMENT REPORT

ESD Report No. ÚESDM-2021BioClean\_0614

Date of measurement: 14.06.2021

Next date of ESD measurement: before 14.06.2023

### Place & description of measurement:

At location of Újvári Palota Ltd at Várpalota.

ESD measurement - before and after treatment of plastic and metal surfaces.

### Measurement field:

Standard: IEC 61340 (-5-1/2) ESD production (-4) measurement

Measuring voltage:  $R < 10^5 \Omega \Rightarrow 10V$  ;  $10^5 \Omega < R \leq 10^9 \Omega \Rightarrow 100 V$

### Used equipment:

Resistance measurement: METRISO 2000 Ohmmeter Serial: WI0578

### Tools used:

ESD coat, ESD shoes, cables, electrodes

### Measurements ordered and verified by:

Company: Main-Systems Hungary Ltd.

Ordered by: Zsolt Trubiánszki (Mr) – Product manager

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Status	Safe (OK)	Unsafe (Risky)	Not applicated	
	S	U1 - critical U2 - major U3 - minor	N/A	
N°	Description of test:	Result R - resistance - $\Omega$	State code:	Corrective action: Comment:
1	On reference plastic surface	6,58 G	NA	<b>untreated surface</b>
2	On plastic surface after Bio Clean treatment	776 M	S	8 minutes after treatment
3	On reference metal surface	3,9 k	NA	<b>untreated surface</b>
4	metal surface afterafter Bio Clean treatment	2,3 k	S	15 minutes after treatment
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Measured by Gabor UJVARI (Mr) electric engineer