



18.3.2017

# Certificate of Qualification

## *ESD control items – Workstations Treston Concept and WB*

ESD-control characteristics of Treston Concept and WB workstations were assessed in accordance with IEC 61340-5-1 and IEC 61340-2-3. Summary of the qualification is shown in Table 1. Detailed information is presented in a technical report C518/2017.

*Table 1: General Information*

Client	Treston Oy, Sorakatu 1, 20730 Turku
Contact	Kimmo Lehti, +358 50 395 8562, kimmo.lehti@treston.com
Dates of Test	March 12 - 17, 2017 ( C518/2017)
Place of Test	Cascade Metrology, Electrostatics Laboratory, Hakulintie 32, 08500 Lohja GSM +358 4456 88 599
Conditioning	48 hours, $RH = (12 \pm 3) \%$ , $T = (23 \pm 2) ^\circ C$
Samples under Test	Sample 1: Concept motorized ESD workstation 10349015P+TT10060-ESD with accessories, SN 5219, 01/2017 Sample 2: WB811 EL ESD motorized workstation with accessories SN 7154, 01/2017
Test Equipment	BMM2000ESD Sn /1387, HM41 Sn M1850876, Cylindrical electrode Vermason 222008, Concentric ring electrode Vermason 222002
Test Method(s)	IEC 61340-2-3:2016, Edition 2.0, Electrostatics – Part 2-3: Methods of test for determining resistance and resistivity of solid materials used to avoid electrostatic charge accumulation
Assessment Criteria	IEC 61340-5-1:2016, Edition 2.0, Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena
Summary of Results	The samples met the requirements of working surfaces according to IEC 61340-5-1. Resistance to groundable point and point to point resistances were below $1 \times 10^9 \Omega$ . Results and observations are presented in a technical report C518/2017.
Note	This certificate may only be reproduced in full, except with the prior written permission by issuing laboratory. The results relate only to the tested items.
Date and place	Author
	 
Lohja 18.3.2017	Toni Viheriäkoski, CEO, Cascade Metrology, ESD Engineer

