TRESTON

A trusted workstation partner

For mission critical production environments

Secure, certified and ergonomic workstation solutions for defence and high-reliability manufacturing

Treston – Trusted partner of the defence industry

For defence sector organizations, security and reliability are non negotiable. Production environments must protect sensitive electronics, support operators during demanding work, and remain dependable for decades. On the other hand, defence manufacturers require suppliers whose stability, production location and supply chain can be trusted over decades.

For more than half a century, Treston has been a trusted name in European industrial workspace solutions. Treston provides ESD Proof and ergonomic workstation solutions trusted by manufacturers of mission-critical technologies across Europe.

Established in 1969, Treston has built its reputation on certified safety, modular workstation systems and long lifecycle availability. All this supports defence sector today and in the future.

Strategically secure partner

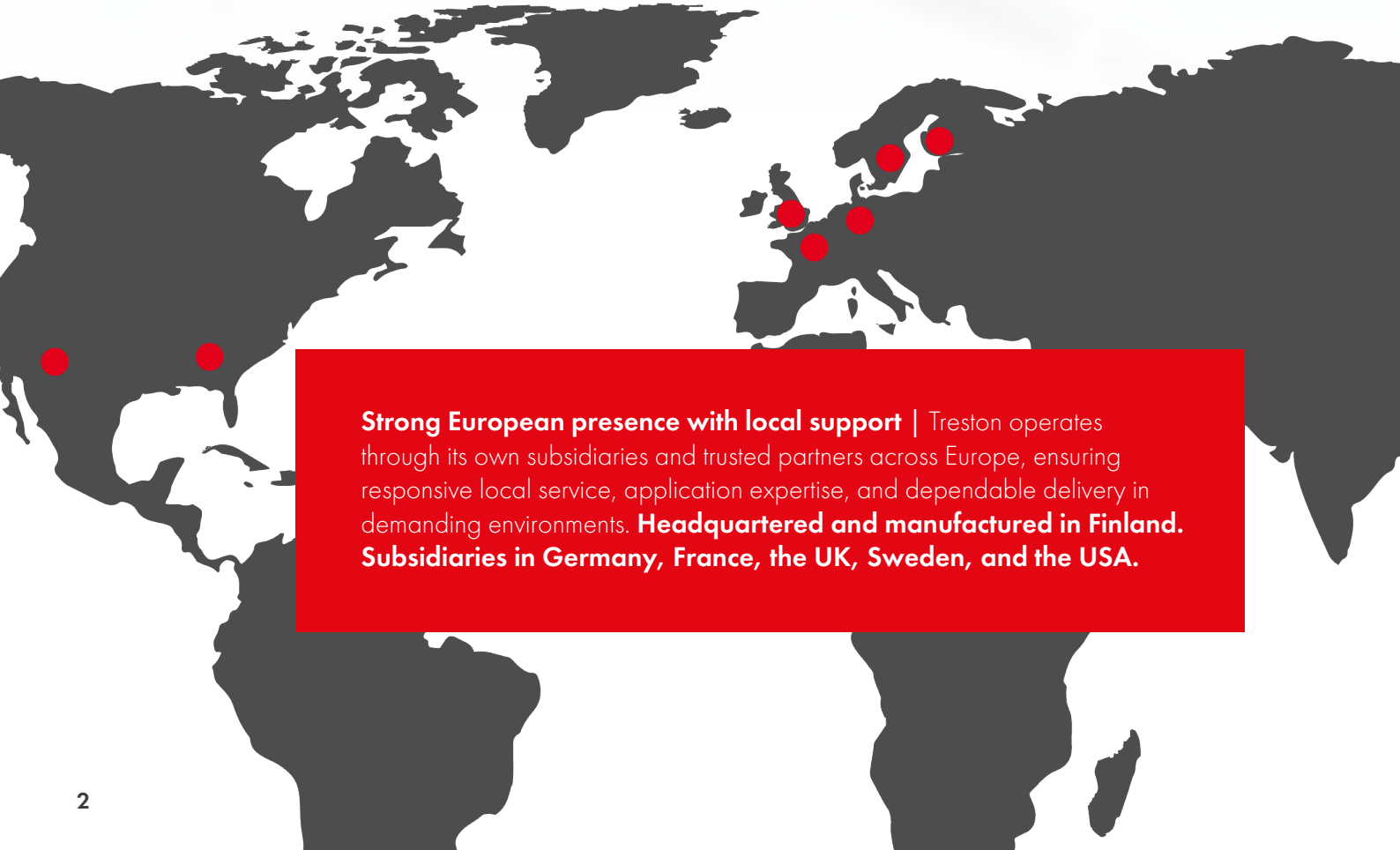
Treston's manufacturing sites are in Finland and carry strategic importance: they ensure a secure, transparent and resilient, short supply chain that meets the high expectations of defence clients.

Quality management at the core

Our facilities operate under strict quality management systems, according to certified processes, providing the assurance that every product is built to extremely high standards. Treston's operations follow ISO certified processes, ensuring consistent excellence in everything we design and manufacture, as well as Lean-philosophy ensuring continuous improvement on every aspect.

Strong presence across Europe

With a strong local presence across Europe, in five countries, Treston supports customers with local sales and support teams, expertise, fast response times, assembly services, and a commitment to lasting partnerships.



Strong European presence with local support | Treston operates through its own subsidiaries and trusted partners across Europe, ensuring responsive local service, application expertise, and dependable delivery in demanding environments. **Headquartered and manufactured in Finland. Subsidiaries in Germany, France, the UK, Sweden, and the USA.**

Why defence customers **choose Treston**

- **Proven, stable partner.** Established in 1969 and trusted by industrial and defence manufacturers world-wide, choosing Treston means long term reliable partnership.
- **European manufacturing.** Having production in Finland, a NATO-member country, ensures our customers short, secure and transparent supply chain, and dependable lead times.
- **Certified quality.** We fulfil ISO quality and environmental management standards and offer ESD and cleanroom certificates. Our products are also backed with 10-year warranty. Our customers don't need to worry about compatibility; they can focus on their performance.
- **Long-term solutions.** Modularity, durable materials, and long term availability of Treston's high-quality products ensure our solutions last for decades. Solutions grow and scale according to our customers' needs contributing to high life-cycle value.

Our manufacturing factories in Finland ensure short, secure and transparent supply chain, and dependable lead times.

- **Custom-made solutions.** When standard in-stock solutions are not enough, we can quickly, cost-efficiently, and securely design and manufacture fit-for-purpose solutions for customers requirements.
- **Experience.** Treston's ESD and ergonomics knowledge combined with experience from defence sector installations helps us guide our customers select the viable setups for their needs.
- **Local presence.** Treston has sales offices and support across Europe, in five countries via our own offices, and in 30+ countries via our valued distributor partners. Our customers value local expert assistance and support from project planning to installation.
- **Long-term value.** Treston workstations are designed for decades of use. Durable materials, modular upgrades and spare part availability reduce replacement needs, equalling to low total cost of ownership.

ESD workbenches

ESD storage systems

ESD trolleys

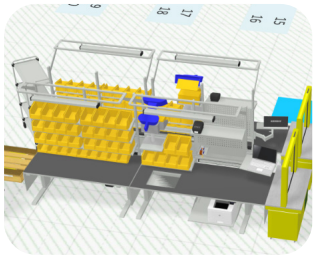
ESD drawer units

ESD task chairs

ESD accessories

Heavy industry solutions

Custom-made solutions



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Project planning
Integrations
Assembly services

ESD-safe configurable **workstation solutions**

Treston workstations are designed to protect sensitive electronics and support demanding industrial workflows.

Inheritantly ESD-safe design - Compliant and certified

- Compliant with international ESD standards, IEC 61340-5-1, IEC61340-6-1, and ANSI S20.20.
- Designed from the beginning to service in ESD environments – special conductivity-enabled design & ESD Proof painting.

Ergonomic performance

- Height-adjustability, modularity and accessories enhance operator comfort and safety during long shifts and improve operator productivity.
- Innovative conductive ESD paint reduces the need for separate grounding, enabling cleaner and safer workspace.

Durable construction

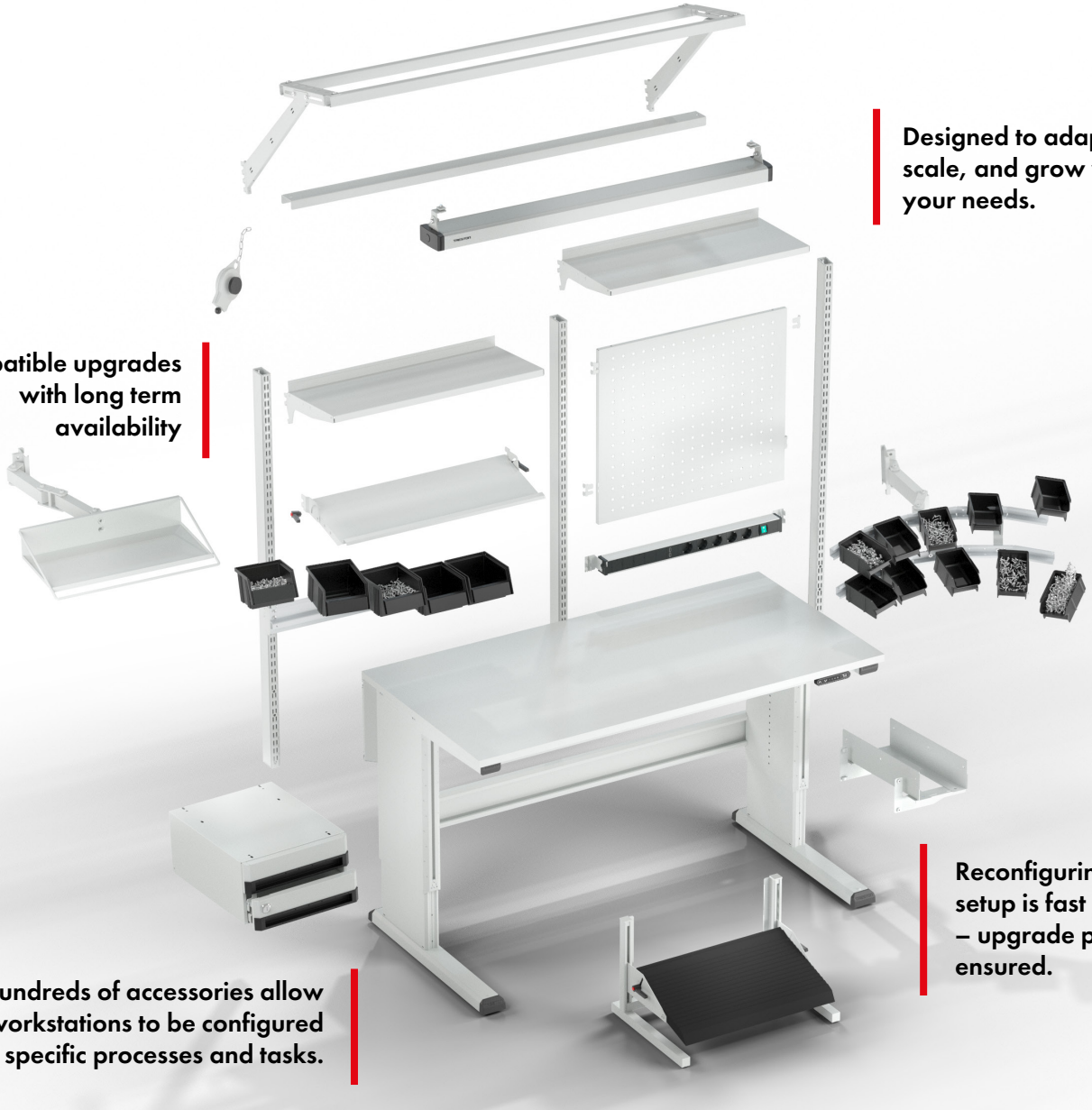
- Industrial-grade materials ensure reliability in demanding environments.
- 10-year warranty - A reflection of the long lifecycle and durability of Treston solutions.

Comprehensive ESD product range

- Workbenches, storage systems, trolleys, drawer units, chairs, lights and over 300 workstation accessories.
- Power-independent solutions.
- Custom-built solutions ensuring each workspace supports the exact needs of the operation.

"ESD proof, modular and ergonomic solutions reduce your operational risks in mission critical work"

Modular workstation systems ensuring **upgrades are easy**



Designed to adapt, scale, and grow with your needs.

Compatible upgrades with long term availability

Reconfiguring the setup is fast and easy – upgrade paths are ensured.

Hundreds of accessories allow workstations to be configured for specific processes and tasks.

Solutions that evolve with your operations

Defence manufacturing environments change as technologies evolve.
Treston workstation systems are designed to adapt over time.

Upgrade paths

Modular systems allow workstations to be expanded or reconfigured without replacing entire installations.

Long lifecycle availability

Products remain available for extended periods, supporting long-term programs.

Customization capability

Treston also develops tailored solutions for specialized production environments.

A strategic partner for defence projects across Europe

From concept design to full deployment — Treston supports every phase – today and in the future.

Treston supports customers from workstation configuration to full production environment planning.

Our experts work with you to design workstation solutions that support your processes today and remain adaptable for the future.

Project sales roadmap

Project kick-off
Understanding customer needs and constraints

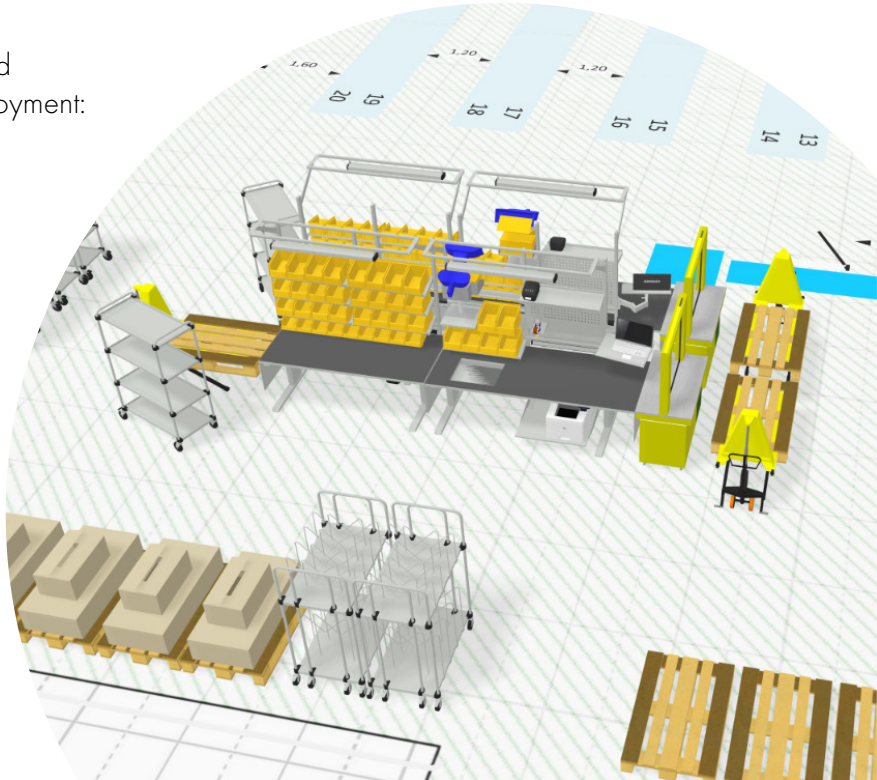
Solution development
Conceptual design, recommendations and prototypes

Delivery and installation
Site handover

Aftercare
Maintenance and ongoing support

Treston collaborates with engineering, facilities and procurement teams throughout planning and deployment:

- CAD files
- configuration guidance
- accessory selection
- modular scalable solutions
- custom-made solutions
- installation support



Work environment solutions built for every stage of the defence manufacturing

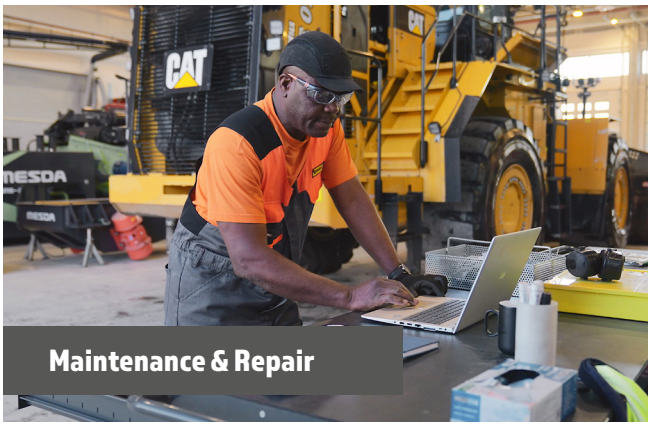
Defence related electronics and precision systems demand environments where reliability, safety and traceability are guaranteed. Production teams must protect sensitive components, maintain strict quality standards and operate efficiently even during long shifts. Workstations need to be robust, configurable and certified – designed for handling sensitive electronics.

Treston solutions support these environments with proven ESD protection, ergonomic design and modular configurations that adapt to changing needs.

Trusted by manufacturers of:

- military systems
- avionics electronics
- satellite technologies
- radar systems

Electronics assembly



Maintenance & Repair

Cleanrooms & Laboratories

Testing & Calibration

Field logistics

Certified to meet international standards for **demanding environments**

ESD certification IEC 61340-5-1

- **ESD workstations** (Concept Ergo electric and allen key adjustable workstations, WB electric adjustable workstations, QuatreX, TED, TP and TPH workstations)
- **ESD chairs** (Treston Ergo, Treston Plus, Neon, Flex, Stool, SADDLE)
- **ESD trolleys** (Multi Industrial trolleys, SAP trolleys)
- **ESD storage bins** and bin cabinets

Treston workstations and furniture have been the benchmark in high-quality ESD furniture for over 40 years. Our ESD Proof products are designed to be inherently ESD safe, and they are ESD certified and compliant with **IEC 61340-5-1, IEC61340-6-1, and ANSI S20.20** standards.

Certificate of Qualification Q629A/2025 V1.0 1/1

15.5.2025

Certificate of Qualification

ESD Control Items— Treston
QuatreX electrical workbench

ESD control characteristics of Treston QuatreX electrical workbench were assessed in accordance with IEC 61340-5-1 (ANSI/ESD S20.20-2021) and IEC 61340-2-3 (ANSI/ESD STM4.1-2017). Summary of the qualification is shown in Table 1. Detailed information of qualification tests is presented in a technical report C629/2025.

Table 1: General information

Client	Treston Oy, Sorakatu 1, 20730 Turku
Contact	Ilari Nieminen, +358 40 5749898, ilari.nieminen@treston.com
Dates of Test	29.4.-5.5.2025 (C629/2025)
Author	Toni Vihersälmi, Cascade Metrology, Measurements laboratory, Hakuntie 30, 08600, Lohja
Place of Test	Vihersälmi/Kalio, 19, Sta 33, 03840, Lohja
Conditioning	48 hours, RH = 12 ± 5 %, T = 23 ± 2 °C. Verification after 20 h (72 h conditioning)
Samples under Test	Sample 1: QuatreX electrical workbench (TED) 20 Sample 2: Quatrex electrical workbench (TED) 20
Test Equipment	Resistance meter: Keithley 6517B, S/N 1000000 (Calibrated electrician: Elevator ET) Inc 16606, 16608 with rubber pads Hermanex (ICR-28275 (ohm 438, 613 mm)
Test Method(s)	IEC 61340-2-3:2016 (ANSI/ESD STM4.1-2017)
Assessment Criteria	IEC 61340-5-1:2016 (ANSI/ESD S20.20-2021)
Summary of Results	The samples met the requirements of grounding outlets in low humidity environment. Resistances to grounding point and point to point resistances were below 1 x 10^9 Ω. Results and observations are presented in a technical report C629/2025.
Note	This certificate may only be reproduced in full, except with the prior written permission by Cascade Metrology. The results relate only to the tested items.
Date and place	Author
Lohja 15.5.2025	Toni Vihersälmi, CEO, Cascade Metrology, ESD Engineer

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Cleanroom suitability ISO 14644-1 class 7

- **ESD workstations** (Concept Ergo electric adjustable ESD workstations, WB electric adjustable ESD workstations, QuatreX ESD workstations, TED ESD workstations)
- **ESD chairs** (Treston Ergo chair C20PU-ESD)
- **ESD storage bins**

Certificate of Qualification Q638/2025 V1.0 1/1

3.10.2025

Certificate of Qualification

Cleanroom Suitability of ESD Control Items
Workstation — Treston
TED ESD and QuatreX ESD

The cleanroom suitability of Treston workstations was assessed in the cleanroom of ISO 14644-1 class 7. The requirements of ISO class 7 were met at rest and in operation. Summary of the qualification is shown in Table 1. Detailed information is presented in a technical report C638/2025.

Table 1: General information.

Client	Treston Oy, Sorakatu 1, 20730 Turku
Contact	Ilari Nieminen, +358 40 5749898, ilari.nieminen@treston.com
Dates of Test	29.9.-2.10.2025 (C638/2025)
Author	Toni Vihersälmi, Cascade Metrology, Measurements laboratory, Hakuntie 30, 08600, Lohja
Place of Test	Clean room, Vihersälmi/Kalio, 19, Sta 33, 03840, Lohja
Conditioning	24h (rest), T 20 ± 2 °C, H 45 ± 5 %, 24 h (operation), 48 hours
Samples under Test	Workstations: TED ESD and QuatreX ESD
Test Equipment	Particle counter: Ground Control 200 (S/N 3008278), Temperature/humidity meter Vaisala HM 21 (S/N M1850878), Sensor Vaisala HMP 113 (S/N M1750872)
Assessment Criteria	ISO 14644-1:2015 Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration.
Summary of Results	Requirements of ISO class 7 were met at rest and in operation. The requirements of ISO class 6 were also met at rest with the large particle sizes (≥ 0.5 µm).
Note	This certificate may only be reproduced in full, except with the prior written permission by Cascade Metrology. The results relate only to the tested items.
Date and place	Author
Lohja 3.10.2025	Toni Vihersälmi, CEO, Cascade Metrology, ESD Engineer

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ESD Proof by Design™

With Treston solutions you can rest assured you create workspaces where safety, comfort, and performance go hand in hand. Treston workstations and furniture have been the benchmark in high-quality ESD furniture for over 40 years. ESD protection is built into the very foundation of our ESD workstation solutions.

ZERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICADO ◆ CERTIFICAT

CERTIFICATE
No. Z1A 027218 0015 Rev. 00

Holder of Certificate: **Treston OY**
Sorakatu 1
20730 Turku
FINLAND

Certification Mark:

Product: **Work benches for laboratories**

Tested according to: PPP 52/2IC:2020
APS GS 2019:01 PAK

With this certificate, in its capacity as a notified GS body, TÜV SÜD Product Service GmbH issues the GS Mark to the named certificate holder for the declared product with the named model designation in accordance with section 20 ProdSG (German Product Safety Act). The product meets the safety and health requirements of the ProdSG and the GS Rules of Procedure and Implementation Rules in accordance with section 24 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition, the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 713227993

Valid until: 2027-09-26

Date, 2022-09-30

(Jens Gesemann)

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CONTACT OUR SPECIALISTS to discuss your production environment and requirements.

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