

WELCOME TO LEARN MORE ABOUT OUR TALLINN SITE!

- Valter Ritso, Site Manager, Tallinn Site



Innokas Medical's logistically well situated plant in Tallinn, Estonia offers customers a low cost manufacturing option for high- and medium volumes. The plant specializes particularly in finished medical device box-build manufacturing – both electromechanical as well as mechanical devices.

At Tallinn, we manufacture for example components and products with a significantly large portion of manual labor, such as older electronics, cables, water traps for gas measurement modules, and also final assembly of finished equipment. Some of these steps take place in dust-free rooms. Our Tallinn site also supplies our other factories with components and modules for final assembly.

The efficient operation of the Estonian plant is supported by local material procurement and a local supplier network. In addition to sourcing and purchasing activities, our team in Tallinn also takes care of life-cycle management, test equipment maintenance, and continuous productivity & quality improvement. The Tallinn team works in tight co-operation with our New Product Introduction team in Kempele and Helsinki.



PRODUCTION CAPABILITIES

- Floor area 1500m²
- Low cost option for high- and medium volumes
- Finished medical device box-build manufacturing
- Electronics and mechanical manufacturing
- Cables and cable harness manufacturing
- Surface mount technology
- Through-hole assembly
- Wave soldering and manual soldering
- Mechanics and module assembly
- Final assembly and quality inspection
- Maintenance and calibration of production and test equipment

PRODUCTION TECHNOLOGIES

- Modern SMT Assembly Line (component specification range from min: 0,4 * 0,2 mm to max: 56*56*15 mm)
- Modern Automatic Optical Inspection equipment for both SMDs and through-hole components
- Automated X-ray inspection equipment
- Laser welding and marking systems
- Automated wire cutting and stripping equipment
- Automated crimping equipment
- Diverse customer- and product-specific testing systems for board level electronics testing and complete system level testing
- Environmentally controlled dust free manufacturing area

TESTING CAPABILITIES

- AOI
- X-Ray
- Board level testing
- High voltage testing
- Patient electrical safety testing
- Functional testing
- Electronical testing of cable assemblies & wire harnesses
- Pull-test for cables
- Air and water tests for mechanical products

SOURCING, PURCHASING, LOGISTICS

- Local sourcing and purchasing experts
- Local material management
- Local supplier network
- Logistical solutions from our buffer stocks to you, your customers, and your end-users

CERTIFICATIONS AND REGISTRATIONS

- FDA
- ISO 9001:2015
- ISO 13485:2016
- Canada ISO 13485:2003
- IPC-A-610
- IPC-A-620
- IPC-7711/7721
- ANSI/ESD S20/20