

WELCOME TO LEARN MORE ABOUT OUR KEMPELE SITE!

- Ville Mätäsaho, Head of Kempele Site



Innokas Medical's production plant in Kempele offers customers a tailored manufacturing option and high level assembly production for low- and medium volumes. The plant specializes particularly in finished medical device box-build manufacturing- both electromechanical as well as mechanical devices.

At Kempele, we manufacture both medical and in vitro diagnostic devices, comprising from hand-held to table-top units and even to complex systems. Our Kempele production team manufactures also products with a significantly large portion of manual labor, and offer also final assembly and testing of finished equipment. In addition to regular production, our Kempele site offers reliable design transfer to manufacturing with our in-house engineering, sourcing and manufacturing experts. It includes professional NPI-process for ISO 13485 and FDA compliant manufacturing as well. Our production team in Kempele also takes care of life-cycle management, test equipment maintenance, and continuous productivity & quality improvements.

The whole Kempele team works in tight co-operation with our teams in Helsinki and Tallinn, offering all the needed supporting functions for their use. As Innokas' Kempele site houses the company's headquarters, it provides all the functions offered by Innokas Medical: engineering, material procurement, ERP/IT functions, quality functions as well as document and product data management. Innokas' main sourcing and purchasing department is also located in our Kempele site.



PRODUCTION CAPABILITIES

- Floor area 3000m²
- Finished medical device box-build manufacturing
- Electronics and mechanical manufacturing
- Prototype and ramp-up production
- Product customized assembly lines
- Seated and standing workstation lines
- Module and through-hole assembly
- Final assembly and quality inspection
- Reflow, wave and selective soldering
- Maintenance and calibration of production and test equipment
- Maintenance and repair services

PRODUCTION TECHNOLOGIES

- Modern SMT assembly line (component specification range from min: 0,1*0,05 mm to max: 56*56*15 mm)
- Ultrasonic welding machine
- Reflow, wave and selective soldering machines
- Modern Automatic Optical Inspection equipment for both SMDs and through-hole components
- 3D X-Ray Station
- BGA repair station
- Diverse customer- and product-specific testing systems for board level electronics testing and complete system level testing
- Decontamination room
- Maintenance and repair area

TESTING CAPABILITIES

- Multicamera AOI
- 3D X-Ray
- Board level and high voltage testing
- Patient electrical safety testing
- Functional testing
- Test system development

SOURCING, PURCHASING, LOGISTICS

- Sourcing and purchasing department
- Material management and procurement
- Supplier network management
- Warehousing of the finished products and shipping to the specified destinations by using cost-efficient turnkey logistic solutions.

CERTIFICATIONS AND REGISTRATIONS

- FDA
- ISO 13485:2016
- Canada ISO
- IPC-A-610
- IPC-A-620
- IPC-7711/7721