



**Medical technology
in perfection
assembled and checked**

Services Production

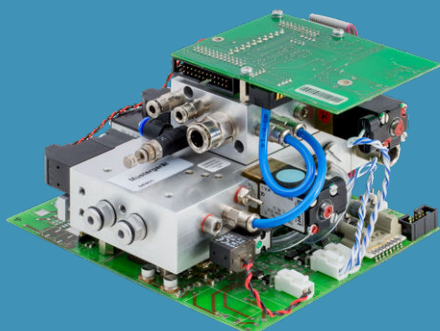
The production area – as one of three business areas of ai6 Solutions GmbH – has been involved in the assembly and testing of predominantly electromechanical assemblies and devices in the active medical technology segment for more than 20 years.

In partnership with our supplier and service provider network, which has grown over the decades, we manufacture highly complex medical devices for you in accordance with DIN EN ISO 13485:2016 and, on request,

also offer a regularly recurring service in our service centre in Dessau.

The specialist departments Customer Care, Procurement, Production Engineering, Quality Assurance and Logistics ensure comprehensive all-round order support that does not require any further action and ensures that your device is produced and delivered to you in the desired time, cost and quality framework.

Project examples



Digital Gas Mixer



Negative Pressure Wound Therapy

Assembly and testing of mechanical and electromechanical systems

Production on 1,500 m² from small series (3–100 items) to series (approx. 10,000 items)

- Design transfer in cooperation with engineering
- ERP master data structure (parts lists, work plans, production instructions, test instructions)
- Supplier management of the partner network
- Material procurement
- Warehousing and inventory financing
- Assembly/service of assemblies and end devices
- Service separate from series production
- Intermediate and final tests including electrical tests
- Quality assurance
- Logistics (centralised or, if desired, decentralised dispatch of goods)
- Twoshift operation and Saturday work at short notice, possible in ~ 14 days
- Lean methodology: OnePieceFlow, CIP, 5S, 7Muda

Equipment

- Design and manufacture of manufacturing/testing equipment (own workshop)
- Production and service environment ESDcompliant
- Test equipment management with a database
- Electrical tests according to VDE 07010702, IEC 606011, high voltage test up to 5 kV
- Pest control according to FDA 21 CFR part 820
- Indoor climate monitoring in storage, production and service areas
- Hazardous material cabinets
- Medical compressed air (10.0 bar) according to ISO 85731: 2010 and DIN EN 12021:2014
- Dynamic warehousing with FEFO or FIFO principle
- ERP system: master data, serial number management, order control, procurement
- Product traceability
- Established CAPA process with direct feedback to engineering and/or the customer

Discuss your project with us:
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Engineering
Consulting
Production

Also ask about our services
engineering and consulting.
We show you, like high
quality products from your
ideas arise.

WE UNCOMPLICATE MEDTECH FOR OUR CUSTOMERS