MEDIAGNOST

MEDICAL MECHATRONICS INNOVATION

English version



Who we are? What we do?

Mediagnost is a motivated, engineering driven mid-sized company with more than 200 employees acting on about 8000 m² production area located in Budapest, Hungary.
We believe in continues improvement of our capabilities and costumer relationships.
With 30 years of experience, we support high-tech medical brand OEM manufacturers in the realization of ideas, new product developments with innovative technical solutions and competitive production.
Our core competences are mechatronics design, industrialization, manufacturing, integration and testing.

We strive to get involved in the development of new products at an early stage.
From initial idea to final product, we go through following phases together with our customers: concept- and detailed design, prototyping and verification, pre-production, cost effective serial production. With this approach our customers are able to reduce their development risks and time-to-market.
As a contract manufacturer we supply complex medical device parts and subassemblies via our wide range of in-house manufacturing capabilities and with the support of our more than 600 2nd-tier suppliers from all over the world.

We were chosen by...

Philips Medical Systems:
DXR and IGT products, co-development and subsystem manufacturing

Photo: *https://www.philips.hu/healthcare/product/HCNCVD207/azurion-7-m20-with-flexarm-image-guided-therapy-system*



Siemens Healthineers:
mobile C-arc Cios Family co-development and subsystem manufacturing

Photo: *https://www.siemens-healthineers.com/surgical-c-arms-and-navigation*



Control-X / Mediso / Innomed:
Co-development, subsystem and component manufacturing

Photo: *https://www.innomed.hu/radiologiai-eszkozeink/*



Mechatronics Design Competences:

- Design of complex mechatronics systems from idea till serial production
- Valuable Concept design based on specification
- V-shape model based design process in conformance with IEC60601 and FDA requirements
- CAD design in PTC Creo environment
- Cost-effective detailed design based on DfX methods
- FEM supported engineering calculations (structural, fatigue, thermal, etc.)
- DHF maintenance in PTC Windchill PLM System
- Entire engineering support of serial production tooling and functional test equipment (HW+SW development)
- Design of motion controller PCBAs
- DMR and DHR maintenance

Production Competences:

Wide range of manufacturing capabilities inhouse:

Up to 5-Axis turning, milling
Wide range of sheet metal processing
Diverse kinds of welding
Lead processing
Gluing
Covers from plastics
Paint shop
Cable assembly

For details: Ask for our machine list!



Quality assurance:

ISO 9001
ISO 13485
ISO 14001

Full traceability
Product release with CoC and CofA

High level assembly and Functional testing:

Complete modules from diverse mechanical and mechatronics components, cables, electronics are assembled in well-engineered and highly controlled processes.

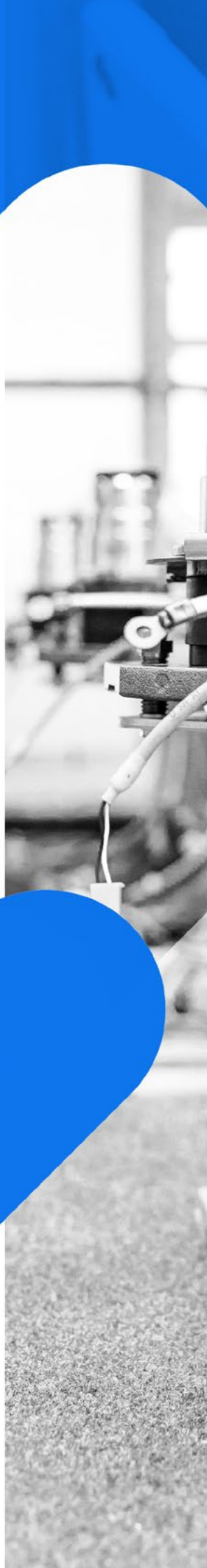
Assembly and integration are supported by own designed, optimized tools, jigs and functional testing equipment.

VISIT OUR WEBSITE!

Mediagnost Kft.
Headquarter: 1106 Budapest, Fehér út 10.

Let us participate in Your success!

Email: sales@mediagnost.hu
Web: www.mediagnost.hu



MEDIAGNOST

SVC-EN-202605.27