



Laboratory Automation

Software. Logistics. Automation.

Look and see.

Experience the practical application of processes and products of a lab in our laboratory show room in Hagenberg (Upper Austria).

Visit us.

Our team of experts will be happy to provide you with more information!

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■ High Efficiency.

AMS Engineering is a company of the STIWA Group and an established service provider for laboratory automation. Analysis performance on an industrial level means for AMS Engineering more than 10.000 samples daily on fully automated laboratory assembly lines. To meet the demand of smaller laboratories we offer modular and scalable standards within our holistic range of

solutions. We optimize processes within laboratories by the use of Software, mechanization and the development of concepts for logistics and organization. This ensures that doctors and patients get the results in an efficient and secure way.

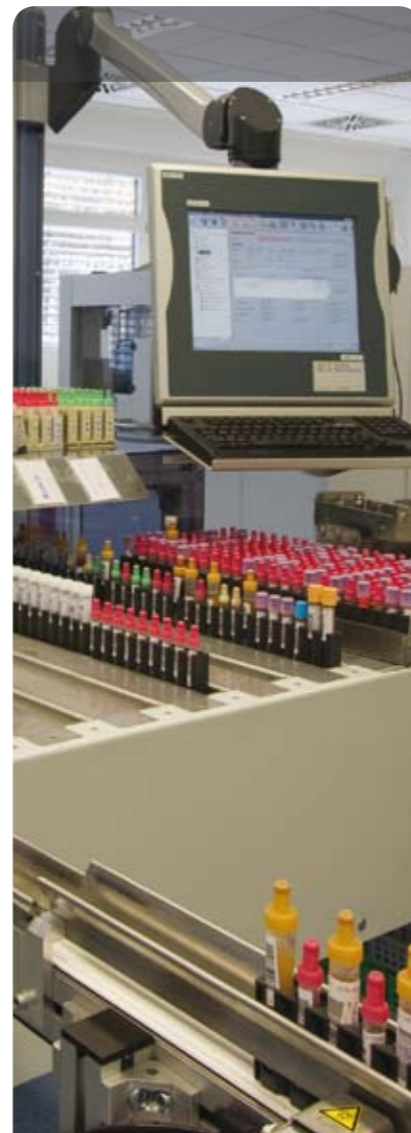
From the estimated diagnosis to an assured diagnostic finding!

■ In a nutshell.

- Cooperation with experienced partners from development up to application
- Engineering and integration of technology
- Closed process loops solve problems sustainably in the long-run
- Concept of regular customers ensures know-how advantage

■ Our Methods.

- We analyze all relevant data with qualified tools. Thus, we evaluate objectively and structure clearly historically developed intransparent process structures.
- Software controls quality data parameters. Software acts in-time to avoid quality problems within the analysis.
- The workflow manager standardizes processes and offers free space for individual laboratory requirements.
- With selective mechanization and software we optimize processes and increase quality.
- Extensive knowledge concerning orders, pre-analytics and result handling closes process cycles and leads to long-lasting solutions.



■ Our Core Competence.

Software.

- Control of the material flow during pre-analytics
- Registration of the material
- Workflow manager for automated sorting
- Order entry
- Call Center
- Material consignment

Logistics.

- Transport racks can be used for various tube sizes & types
- Closure plug in universal size
- Transport boxes ensure safe delivery
- Organizational concepts are on the level of industrial serial automation, all laboratory processes are implied as well as the associated technologies

Automation.

- Automated material registration by image processing
- Sample material is closed automatically
- Automated sample disposition and archive
- Automated material disposal



Automated handling of the transport rack



Manual operation supported by software



Camera for automatic registration

■ Our Products and Services.

Products and Services	Laboratory Business Processes								
	Test selection Order assignment	Sample collection	Transport	Registration	Sorting	Lab logistics	Analysis	Archive	Lab result
Software									
Mechanization									
Organization									
Trading goods									