

Automated assembly lines for medical disposables



Together – from conception to completion

Alpha Plan GmbH is a leading manufacturing technology supplier to the global membrane and medical device industries.



Who we are

Alpha Plan is a complete and innovative supplier of technology for membrane-based medical disposables. Over the past two decades, Alpha Plan has become the global leader in dialyzer assembly equipment having supplied medical technology equipment with an annual capacity of over 40 million dialyzers to customers in 20 countries.

Alpha Plan manufactures its assembly equipment in a dedicated production facility in Radeberg, Germany. With its in-house engineering, construction and development departments, Alpha Plan offers assembly equipment for a wide range of medical membrane disposables.

Project consultancy

- Conceptual studies
- Finance planning
- Marketing strategy
- Financing concept & support
- Factory conceptual layout

Plant realization

- Medical product design
- Manufacturing technology development
- Assembly line layout, design & construction
- Clean room layout
- Ancillary equipment
- Turnkey projects

Business Activities

Our 20 years of experience allows us a unique ability to help you with your manufacturing systems and support the project to its completion.



Our expertise

Alpha Plan is your ideal development partner: we have the know-how to optimize your manufacturing systems and help you produce the highest quality products.

We support our customers with a comprehensive range of services including:

- Product and plant design for any type of disposable membrane device
- Manufacturing equipment engineering, construction, and installation
- Training of your production staff members at our training center
- Sourcing raw materials and supporting your certification process
- Providing long-term service and support

Installation & Know-how transfer

- Equipment installation and commissioning
- Training & technology transfer
- QA/QC consulting
- Validation & certification support



Sourcing support

- Fiber bundles
- Plastic parts
- Polyurethane
- And other consumables



Maintenance & support

- Preventative maintenance
- Online support
- Spare parts supply
- Line upgrading support

Machines and Production Lines

Alpha Plan supplies the most advanced manufacturing technologies for dialysis disposables and other membrane-based filters.

Production Lines

We focus on implementing advanced and reliable manufacturing systems and assembly lines for medical disposables including dialyzers and plasma filters for example.

We supply cleanroom production and testing equipment, manufacturing technology and quality management systems.

We can provide you with:

- Turnkey solutions
- High level of customization
- Scale adaptability
- High quality
- Support

Custom Machine Engineering

Alpha Plan sells advanced production units and specialty machines to manufacture medical and industrial devices.

Our wide range of products includes potting centrifuges, lapping machines or devices for quality control and performance measurements for example.

The equipment is versatile and can be adapted to your unique requirements. We take care of all the steps of your project, from an ergonomic machine design to final product assembly and monitoring.

We supply you customer-specific special machines for various application fields including:

- Medical technology
- Water treatment
- Gas filtration
- Industrial filters

Machines and Production Lines

Whether you need a turnkey manufacturing plant, to outsource your production to one of our clean rooms or to improve your own facilities, we are ready to be your complete technology provider.



Production Management System

Alpha Plan offers an innovative way to increase your production efficiency through its Production Management System.

This Supervisory Control And Data Acquisition system guarantees real-time access to production data and enables your team to make fast decisions in order to improve your processes.

This unique control system will enable you to:

- Gather and process data in real time
- Monitor and control devices and parameters in technical processes
- Archive production events into a log file to facilitate traceability of your production output
- Integrate the gathered data into your overall quality management system

Engineering Services

Whether you would like to outsource certain activities to us or to work together as a team, we are ready to help you using our experience as a global manufacturing technology supplier.

Project Consultancy

Alpha Plan offers a wide range of services from initial business concept generation to market introduction. By partnering together at an early stage, we can help you achieve rapid solutions that meet your exact long-term needs.

Consultancy services include:

- Conceptual studies for project feasibility
- Financial planning
- Marketing assistance with sample supply, certification support, and OEM product delivery
- Financing concept and support
- Factory general layout

Know-how Transfer

With over 20 years of experience in automation technologies, Alpha Plan has acquired a unique and extensive know-how in engineering, design and implementation of high tech manufacturing lines and would like to share it with you in order to provide the best solution for your needs.

We help you:

- Optimize your production processes and achieve a higher return on investment
- Upgrade your existing production equipment using the most advanced and up-to-date technology in medical, water, and industrial applications
- Work towards the validation of your production equipment and the compliance to GAMP (Good Automated Manufacturing Practice) regulations

Engineering Services

We also advise you on how to optimize your production processes and therefore to achieve a higher return on investment.



Maintenance & Support

To help you achieve the highest level of efficiency in your production processes, we provide advanced training to your team in our facility so that they are ready to take over operations following equipment commissioning.

We also offer timely after-sales services (hotline, remote or in person) whether you need technical help or advice.

We can also supply you with all the consumables necessary for the effective operation of your manufacturing systems and offer you a sourcing support for high quality raw material such as fiber bundles, plastic parts (e.g. housings, potting components or sealing plugs), polyurethane or other technical materials.

