

Amazing what's possible.

OEM Solutions
**Your Technology Partner
for Smart Solutions**

MÖLLER OEM Solutions is your forward-thinking technology partner specializing in MedTech, Analytics, and Diagnostics.

We provide both customized and off-the-shelf solutions in the sectors Cannulas + Systems and Fluid Management, covering Liquid Handling, HPLC, Modules + Devices (Peristaltic Pumps) and Nano Coatings. As a versatile collaboration partner, we address all aspects of our customers' needs, from development, prototyping, and sampling to manufacturing, offering unique vertical integration and comprehensive services such as regulatory and risk management.

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1949
FOUNDED

> 400
EXPERTS

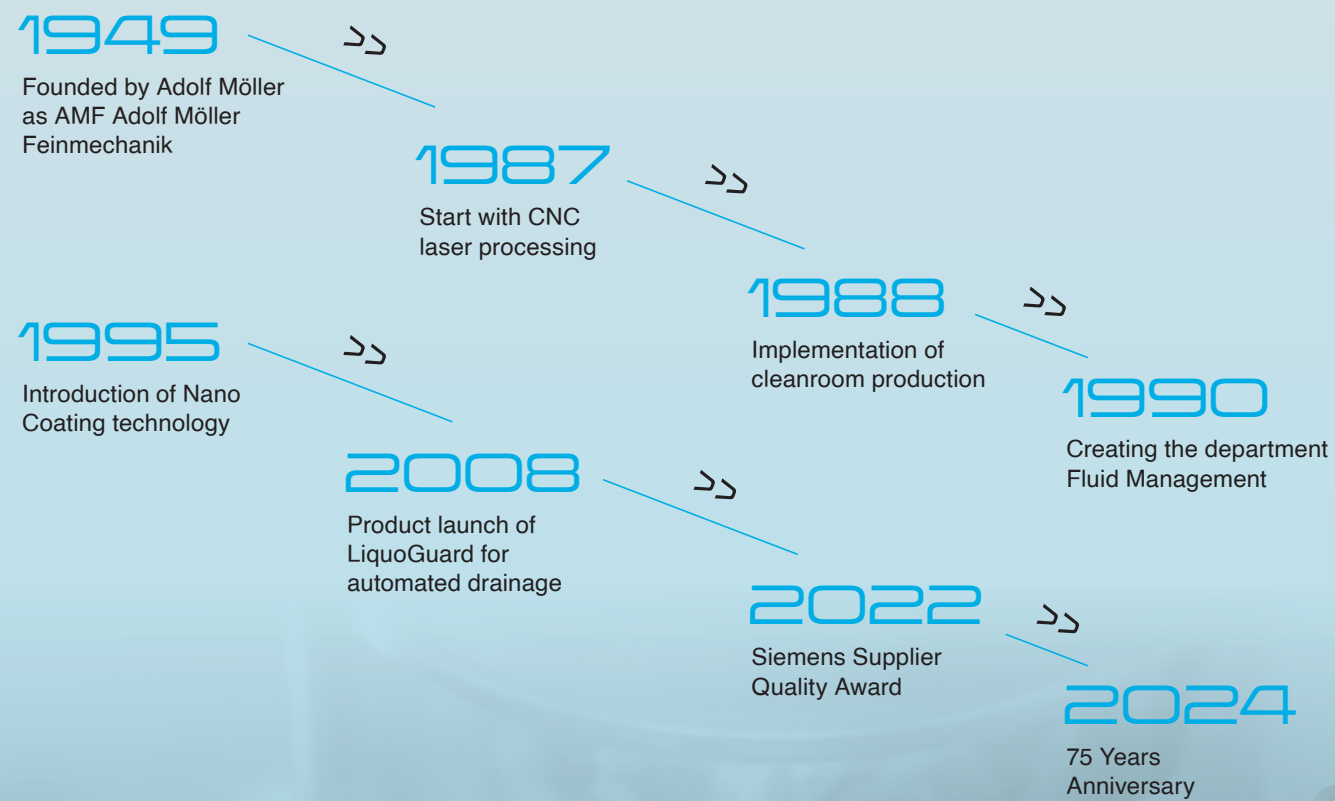
> 2500
CUSTOMERS

> 100
COUNTRIES

Who we are MÖLLER at a glance

What sets MÖLLER OEM Solutions apart are our unique offerings:

over 70 years of experience focusing on technology-driven development and manufacturing, a portfolio of proprietary patents, and a team of more than 400 experts across 24 disciplines—all operating from a single 'Made in Germany' location.



Who we are More than 70 years of expertise

We cater to a diverse clientele ranging from multinational corporations with exacting standards to small, burgeoning firms seeking flexible solutions.

Our customer base consists of leading global companies that demand the highest standards of complexity, quality, compliance, and reliability. As a flexible solution provider, we also extend our services to small, emerging companies in the growth stage.

 1800+ Products (OEM + Brand)	 > 100 Countries	 > 2500 Customers	 50 Mio. € Annual Turnover
 Worldwide Sales Force	 75 Years Anniversary in 2024	 > 400 Employees	 High quality standards (CE, MDR, etc.)

Among our clients - collaborating with leaders



What we do Our competencies

Benefit from a comprehensive suite of services sourced from a single source:

from conceptualization, development, and manufacturing to final product realization, and regulatory services.

We possess the expertise and experience necessary to assist our customers in bringing their product visions to life. Our capabilities extend from developing prototypes to managing full-scale series production, with the flexibility to initiate processes at the mass-production stage directly.

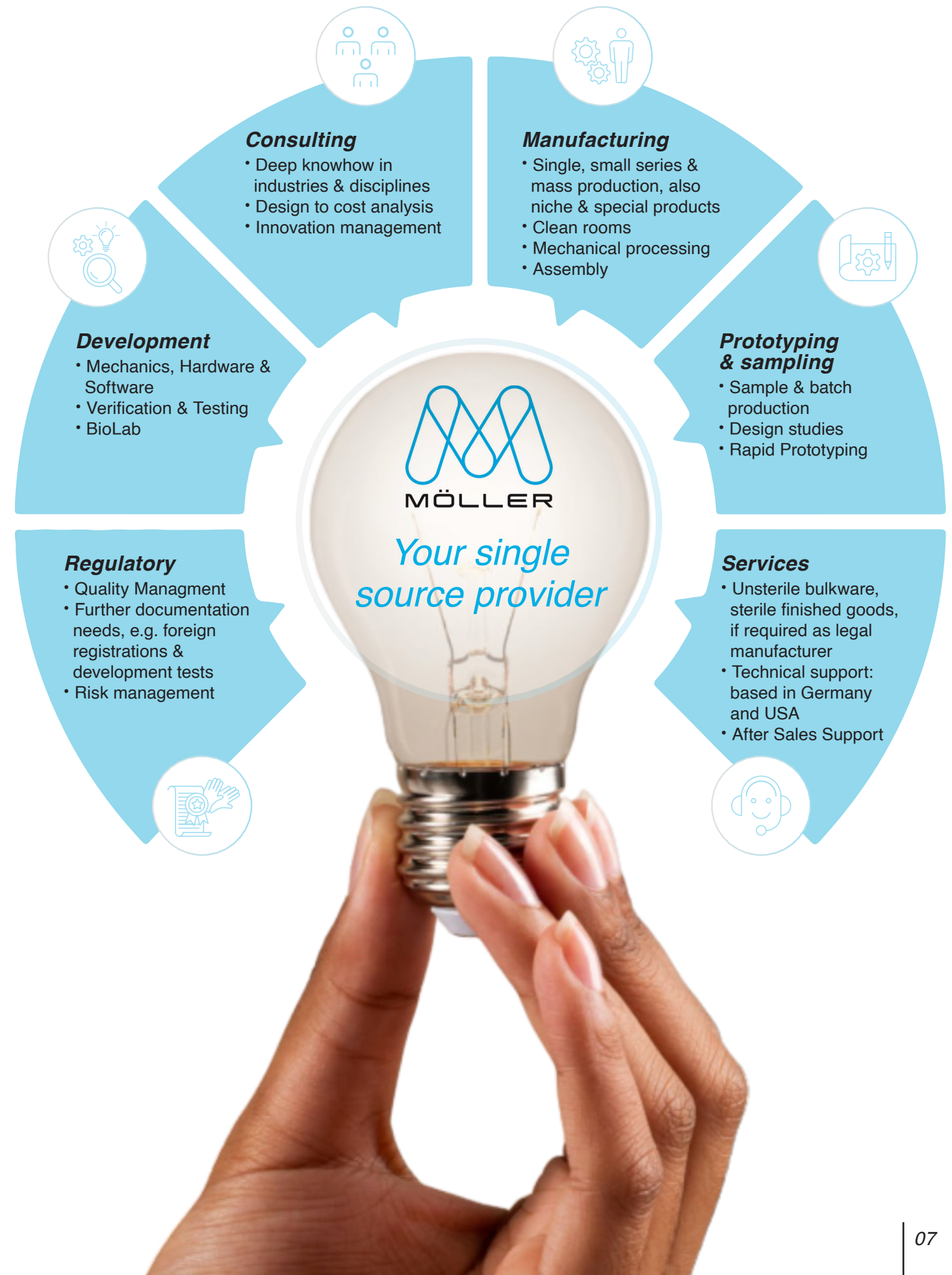
From development and regulatory approval to production and service.

From clean room manufacturing to nano coatings.

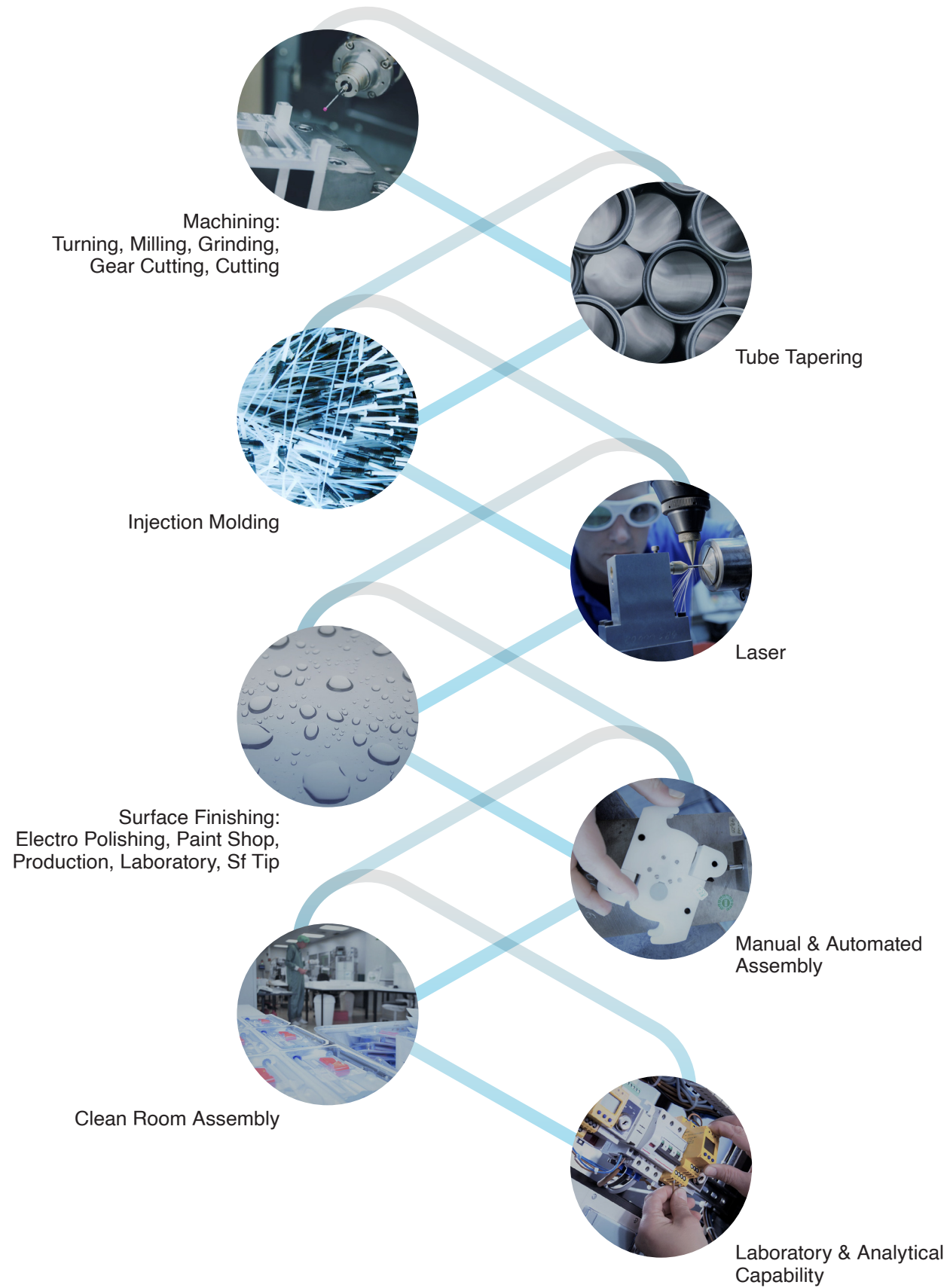
From MedTech to chemical analysis.

We enable our customers to be successful today and in the future.

What we do Our competencies



How we do it
Our production depth is unique

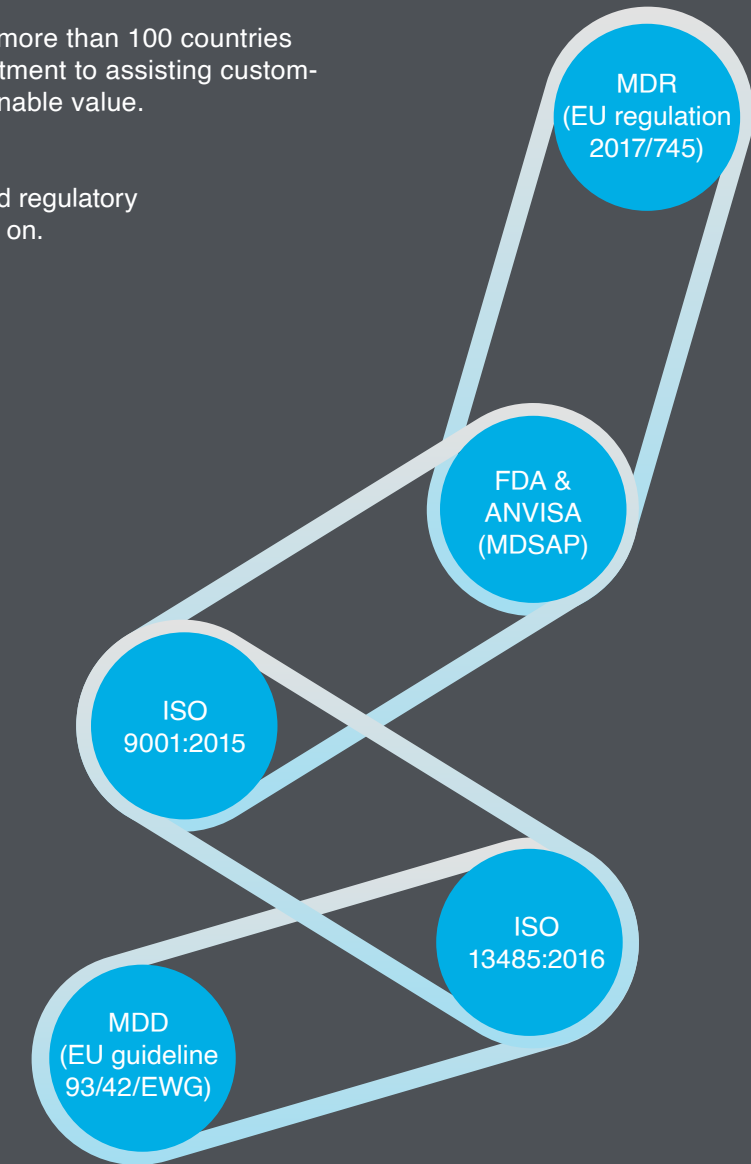


How we do it
We deliver certified quality

Importantly, we uphold strict adherence to the requisite quality standards and ensure the confidential handling of our clients' intellectual property.

Our global presence in more than 100 countries underscores our commitment to assisting customers in generating sustainable value.

Trust in every standard:
 Quality management and regulatory compliance you can rely on.



We are experienced with:

- Active and non-active medical devices
- Products of risk class I to IIb
- Sterile and non-sterile medical products
- Disposables
- Stemcell processing (latest field of activity)

How we do it Benefits at a glance

At a glance, we redefine excellence in OEM solutions by spearheading involvement in the earliest stages of development

Our commitment is to unearth the most high-performing and cost-effective solutions for our customers. This approach sets us apart, ensuring your project's success right from the start.

Our German-made, individualized and standard solutions boast high manufacturing depth, uncompromising quality, and versatility in production - whether for single or large series.

With our cost reduction program and single-source delivery, we ensure excellence, even for complex components. We are your partner for superior, tailored OEM Solutions, ensuring your success from the outset.



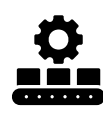
Made in Germany



> 400 experts spanning 24 disciplines



Individual and standard solutions



High manufacturing depth



High quality standards (CE, MDR)



Single, small and large series, incl. niche, specialized products



Cost reduction programs by automation



Single source delivery, even for complex components

What drives us Our commitment to empowering success

Empowering success through strategic partnerships

We aspire to be the preferred partner for our OEM clients, innovators, and emerging businesses in our sectors.

Partnership, to us, means a deep understanding of our clients' needs and challenges. Our goal is to empower their success in various dimensions. While success primarily entails top-tier patient care and effective project execution, it also encompasses economic efficiency, pioneering scientific outcomes, and excelling in competitive arenas.

Our ongoing pursuit of innovative solutions for our clients is embodied in our seven core values:

1.
We are inventive
because we love smart solutions

2.
We are courageous
because we want to break new ground

3.
We are agile
because we embrace change

4.
We are curious
because we love to question the status quo

5.
We are approachable
because we want to create the future with our customers

6.
We are result-driven
because we always think about our value proposition

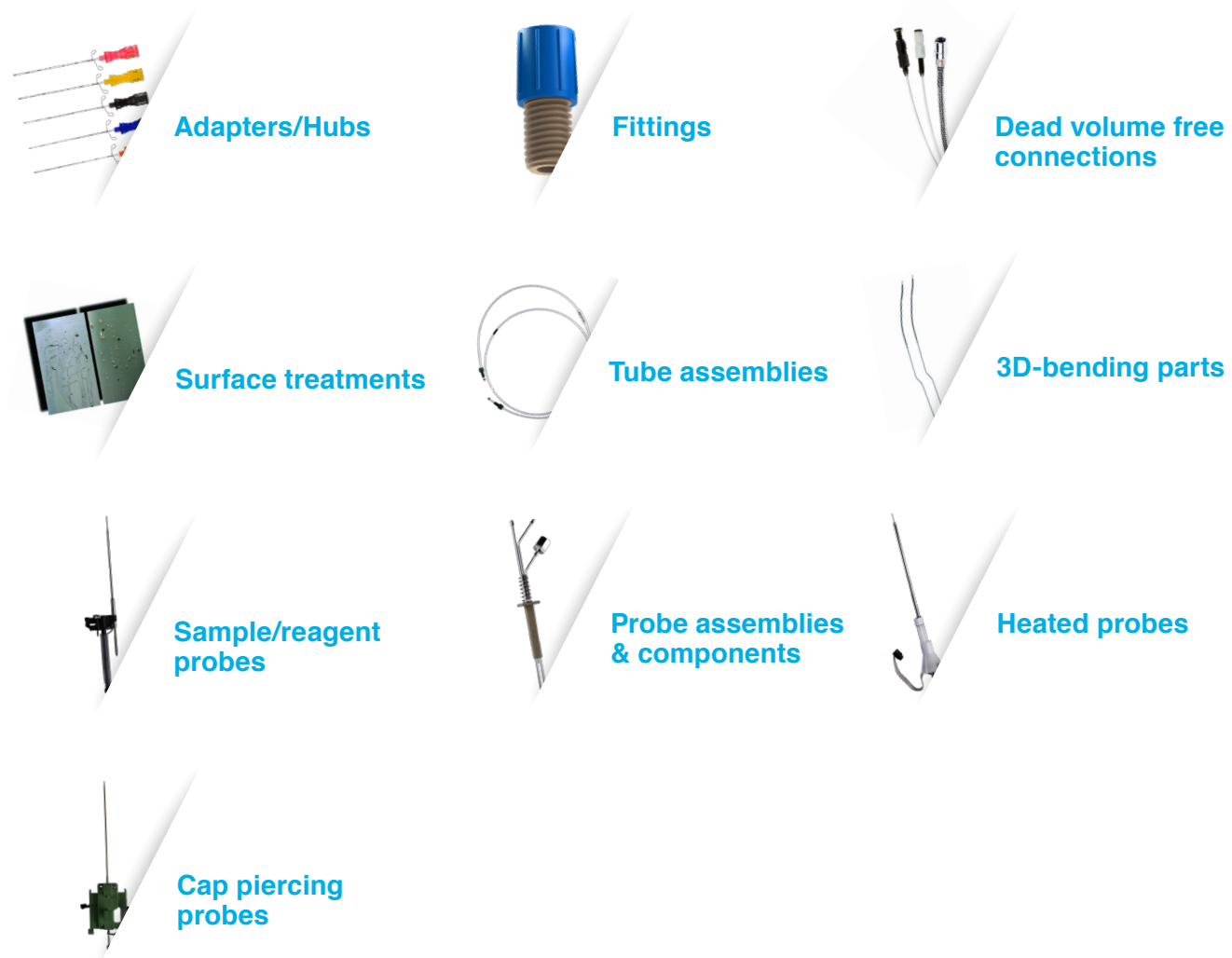
7.
We are reliable
because customer satisfaction is our future success

Liquid Handling Systems

Precise, individual and cost-effective design solutions

Fluid Management is a key process in virtually every life science laboratory and many other areas.

We are pioneers in Liquid Handling and a manufacturer of high-quality analytical needles and connection systems for several decades. From a single probe to a complex probe system with integrated thermal, optical or detection systems. Also, complete polymer tube assemblies, for example in an IVD-System.



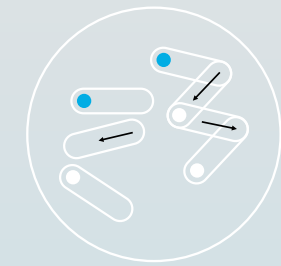
Areas of Application:

- Pharmaceutical Industry
- Laboratory Demands
- Point of Care
- Invitro Diagnostics

Suitable for pumping sensitive, highly viscous, aggressive liquids as well as liquids containing suspended particles or contaminated liquids.

Case Study

Laboratory Diagnostics



Client:

- Global biotechnology and biomedical company
- Leading supplier of products for magnetic cell sorting and analysis

01 Problem / 02 Solution / 03 Result

01 / Request

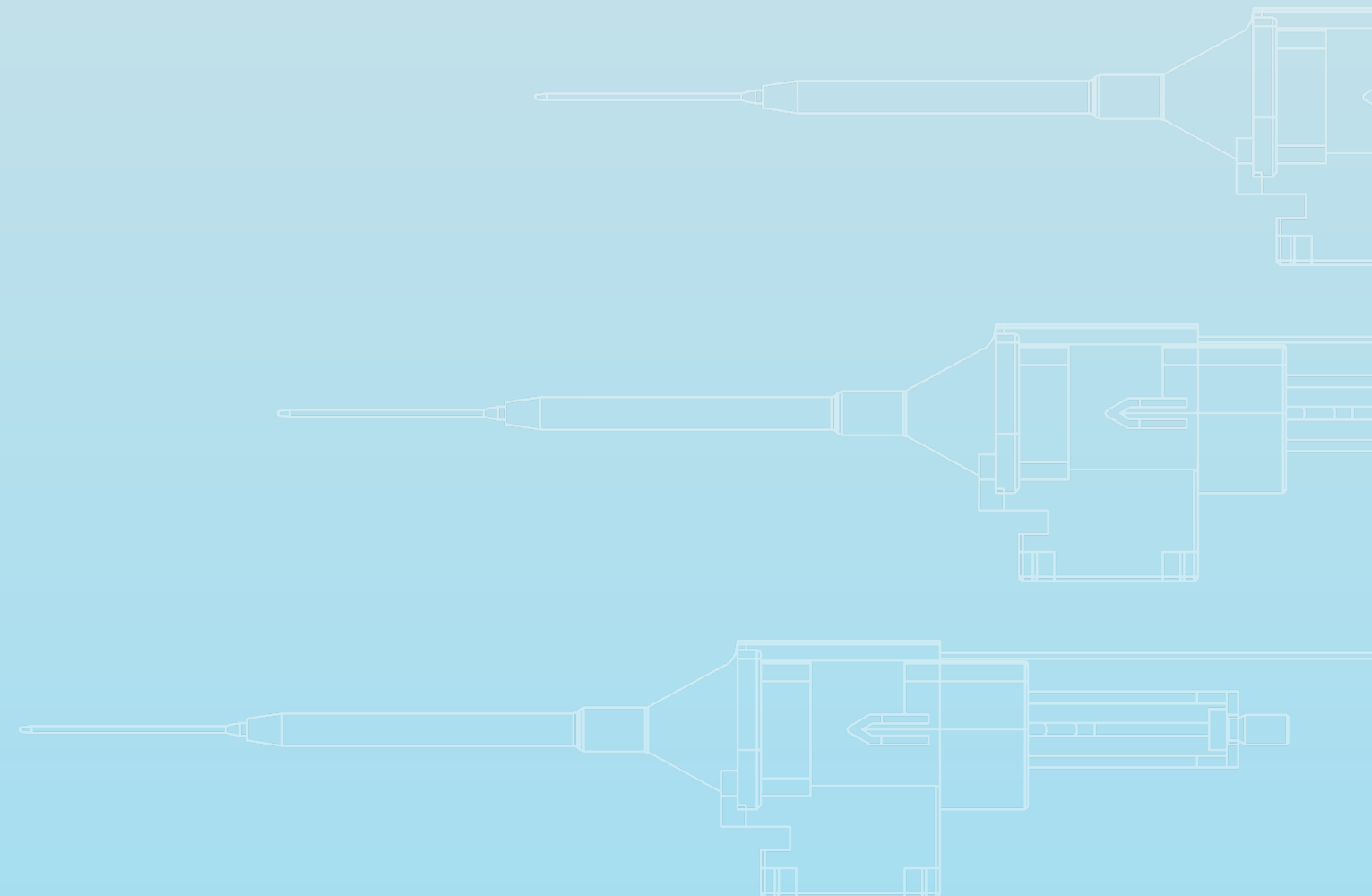
Customer needs multiple probes, connections of the probe must be defined, specified installation space, carry-over to be avoided.

02 / Concept

Development of the probe: connection concept as well as other technological possibilities were discussed with the customer before defining a final concept. Sampling was carried out with different coatings in order to determine the best possible results for the series during verification by the customer.

03 / Product

Sampling with satisfactory desired result for customers. Increased orders for serial production.



Modules + Devices

Development according to your needs

We develop and produce Modules and Devices for the medical and laboratory environment.

Our range of services includes development and production of standard and customized devices as well as components - on customer request as CE-marked, finished product from a single source.

Standard Peristaltic Pumps



SPQ-072

Simple and easy to handle
design for applications in the range up to approx. 100 ml/min. Optional with 3 or 6 rollers



SPQ-225

Versatile pump for medical applications

From minor individual adjustments to the development, manufacturing, and approval of components or entire medical devices: we provide assistance at every stage of the product life cycle. Our support extends from the initial sketch to post-sales service.



SPQ-72G

All-rounder pump

up to 200 ml/min, widely used in chemical, analytical, and medical sectors

Other Devices



Hubodometer

Mechanical, tamper-proof odometer for truck trailers, for mounting on axle hubs

Areas of Application:

- Pharmacy
- Medical Technology
- Industry
- Laboratory
- Biotechnology
- Chemistry
- Analytics / Diagnostics
- Food and beverages
- Air conditioning/heating
- Water- / waste / water / environmental technology

Suitable for pumping sensitive, highly viscous, aggressive liquids as well as liquids containing suspended particles or contaminated liquids.

Case Study

Blood pumps



Client:

- Various MedTech companies

01 Problem / 02 Solution / 03 Result

01 / Request

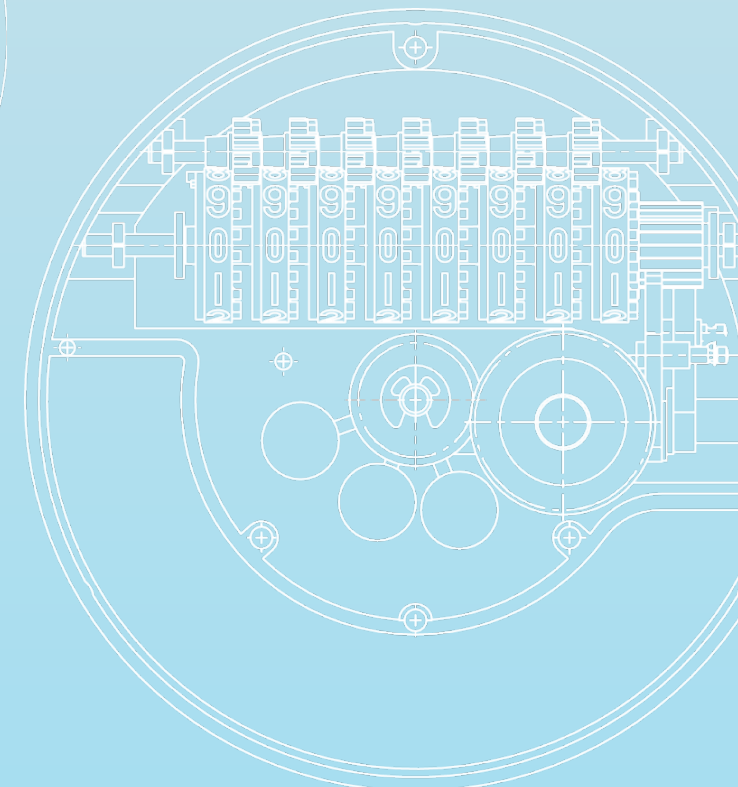
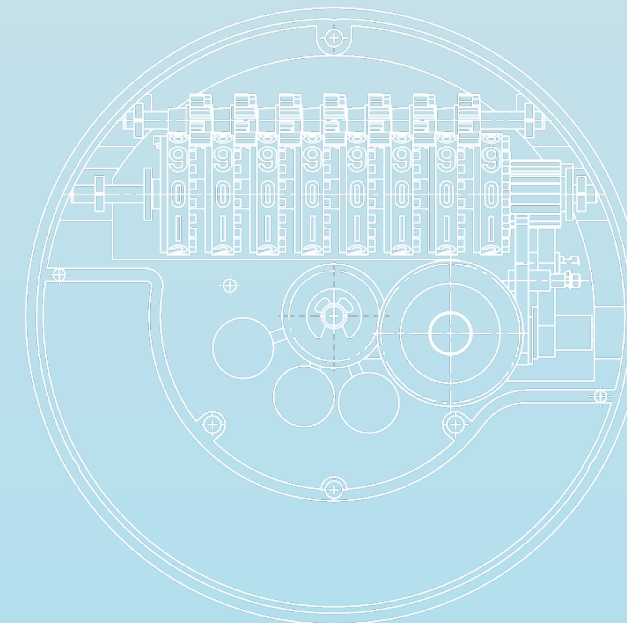
Customer needs multiple probes, connections of the probe must be defined, specified installation space, carry-over to be avoided.

02 / Concept

MÖLLER offers off the shelf solution with established blood pumps in different flow rates and pressure ranges and, on request, with customized controllers.

03 / Product

MÖLLER pumps are used in many different devices that can pump blood.

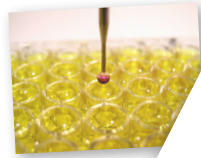


Nano Coatings

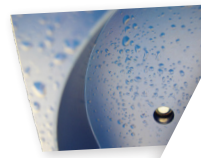
Coatings and surface treatments

Our approach for our customers is to offer standardized and customized products to perfectly fit the customers' needs and fast delivery times.

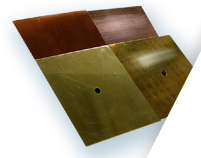
Standard Solutions



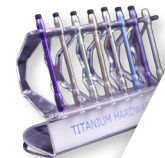
Nano Skin
Durable sol-gel coatings



Poly Skin
Functional and coloring polymer coatings



Taf Skin
Hydrophilic coatings with teflon, teflon-like additives



Hard Skin
Hard coatings for tools and pre-piercing needles

Individual Solutions



Layer Properties
Adaptions e.g. adhesion, surface tension, hydrophobic and hydrophilic, coloring, degree of gloss



Plastic Surfaces
Surface modification of plastic surfaces (also inside lumen)

Patents



Superfinish®
Achieves very smooth inner surfaces with Ra-values to 0.10 µm for tube geometries down to 0.3 mm x 200 mm

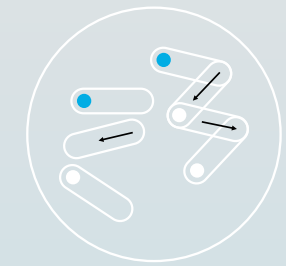
Areas of Application:

- Life Science
- Biotechnology
- Industrial Coatings
- Medical Technology
- Analytics / Diagnostics

Standardized and customized products for various areas of use.

Case Study

Diagnostic & Analytical Industry | Preservation of Functionality



Client:

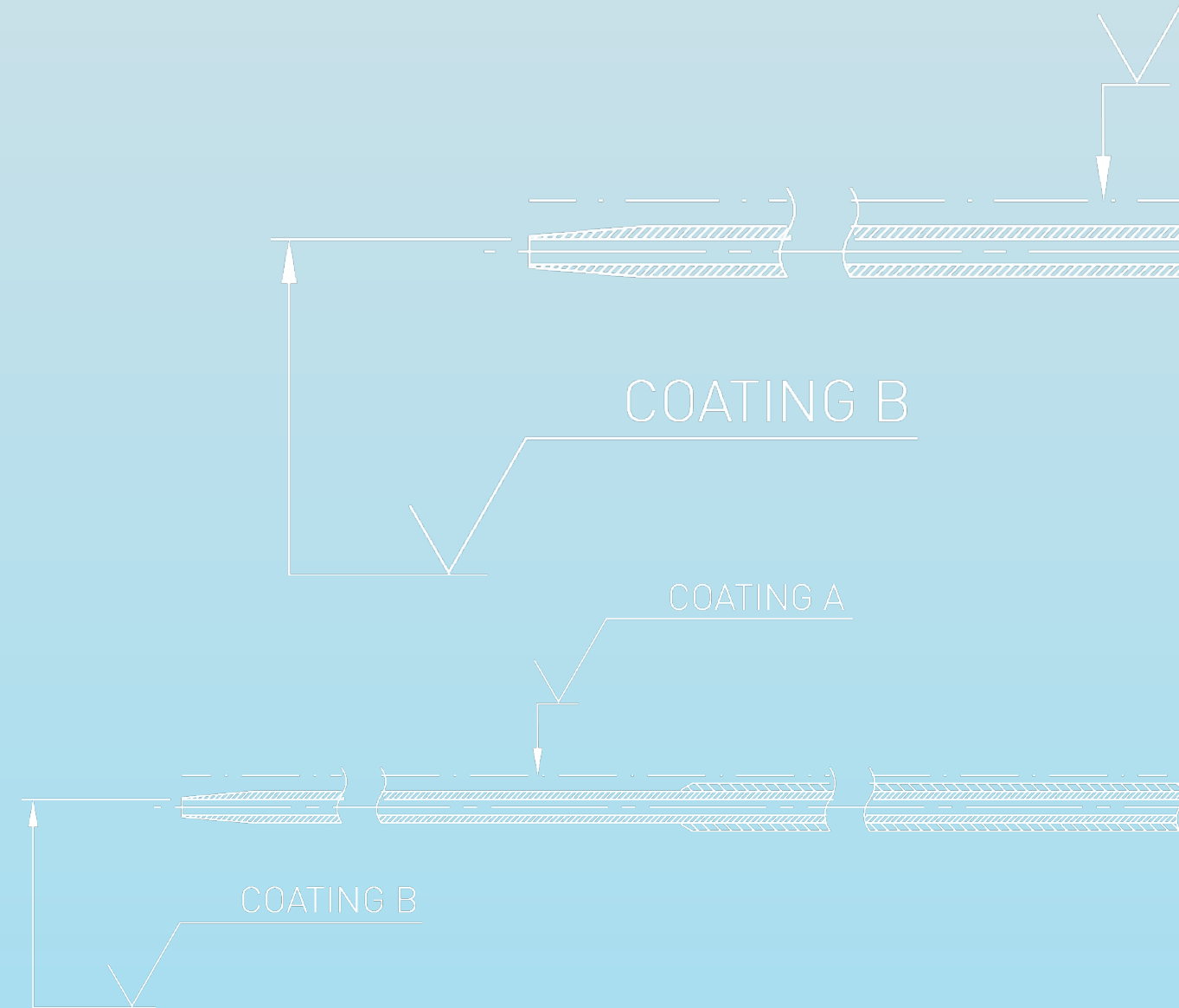
- Global Pharmacy company with millions in turnover per year

01 Problem / 02 Solution / 03 Result

01 / Request
Increased carryover values after increasing the transport speeds of the liquid samples.

02 / Concept
Development and adjustment of the surface tension of the inert plastic in the tube systems.

03 / Product
Reduced sample turnaround time by almost 30%.



HPLC Systems

From the first sample to validated series production

MÖLLER OEM Solutions offers innovative development of customized HPLC Systems.

We offer our customers market advantages using trendsetting handling solutions.

HPLC Systems



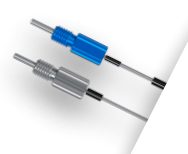
Custom Made Columns and Standard Columns
for versatile probe selection



Analytical-, Preparative- and SPE-Column Hardware
Classic standard solutions and innovative new designs



UHPLC-, HPLC-, and LC-System Components,
custom made, inert, precise, dead volume free



Capillaries, Probes and Fittings
for a fast and high-performance fluidic handling solution

A selection of our innovations influencing the HPLC market



Ubersphere C18
for qualitative and quantitative HPLC analysis



TorqFit-HPLC
to limit the tightening torque of the fittings



Uberinert
for inert chromatography applications

Areas of Application:

- Pharmacy
- Food and beverages
- Chemistry
- Analytics / Diagnostics

High Performance Liquid Chromatography for all relevant markets.

Case Study

Analysis Industry



Client:

- With billions in turnover per year
- Worldwide locations
- Agilent market leader for 25 years

01 Problem / 02 Solution / 03 Result

01 / Request

Customer needs multiple probes, connections of the probe must be defined, specified installation space, carry-over to be avoided.

02 / Concept

Developing and providing patented, customized high-pressure capillaries that are inert HPLC-BIO-Capillary with dead volume free connections.

03 / Product

World renowned, superlative autosampler systems.



Cannulas + Systems

Special cannulas for medical applications

We offer all technical possibilities for the implementation of cannulas, needles, tubing sets and kits for medical applications.

All sorts of Cannulas including hubs and connectors (plastic or metal)



Finishes Tube Sets

Customized liquid handling solutions, optionally including bespoke needles



Vertebroplasty Needle Kit

In various Gauge sizes and designs



Individual Automation

Creation of bespoke solutions for cost-oriented, low biological load assembly of medical devices in or outside of our cleanroom



Adapters / Hubs

Customer-driven connector solutions or standard Luer hubs in various materials



Needle Kits

For inserting bone cement, trocars and other accessories

Manufacturing Methods

Grinding / E-polishing / Overmolding / Laser welding/cutting / Etched markings / Laser marking / Passivation / Validated final cleaning ISO Class 8 clean room / UV & thermal cure gluing / Assembly in clean room / Packaging / Siliconization

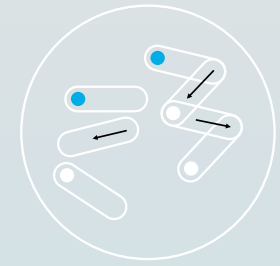
Areas of Application:

- Radiology
- Pain Control
- Trauma Implantology
- Nephrology
- Anesthesia
- Gynaecology / Reproductive Medicine
- Drug Delivery
- Biopsy
- Ear, Nose & Throat (ENT)
- Urology
- Oncology

Due to our diverse machine park and large stock of raw materials, we can produce diverse needle tips and undertake various surface treatments for nearly all needs.

Cannulas & Systems

Pharmaceutical



Client:

- Pharmaceutical packaging and drug delivery devices
- Market position as a challenger and supplier to manufacturers of generic medications; based in Germany

01 Problem / 02 Solution / 03 Result

01 / Request

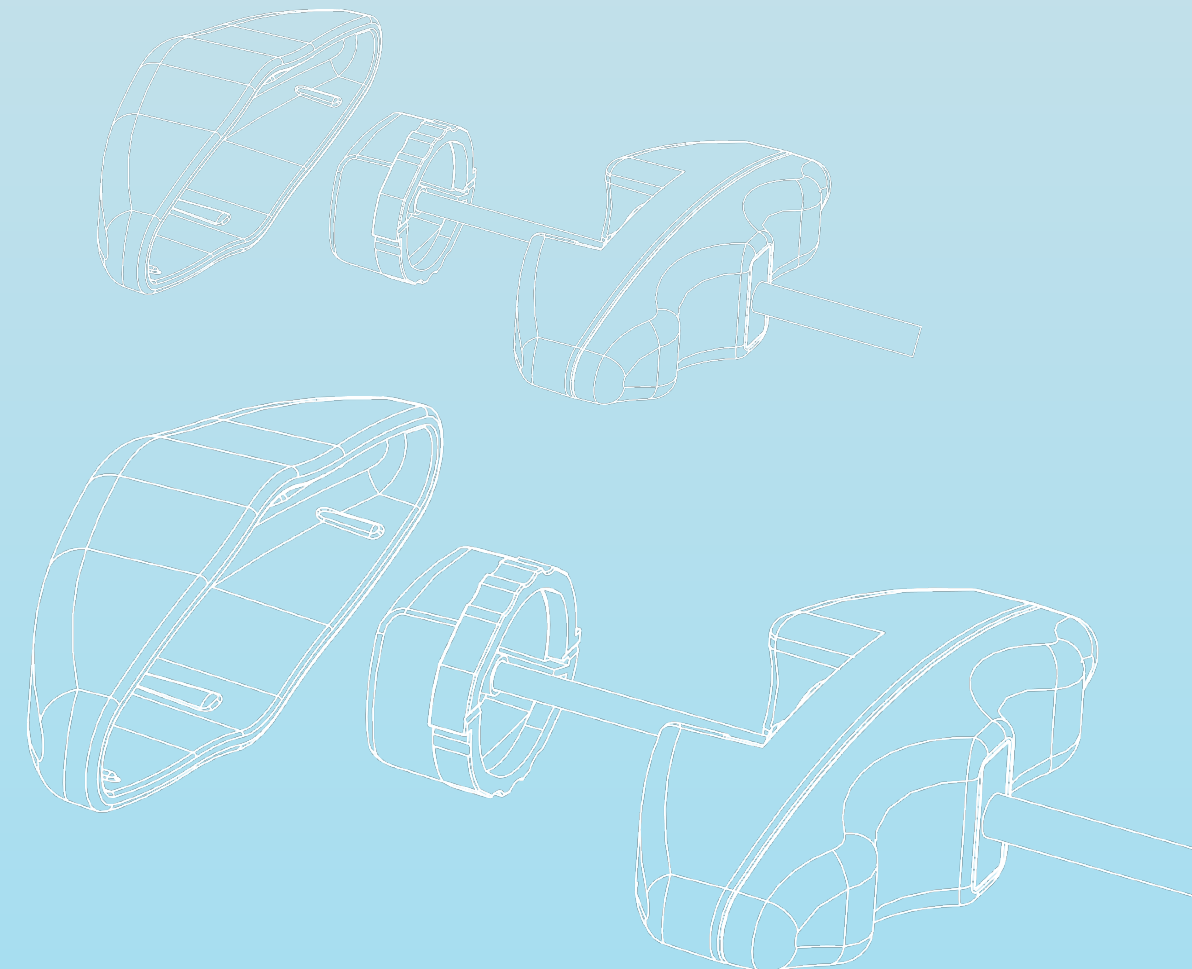
Manufacture of cannulas, prototype and series assembly of the device. Prototype production followed by development and construction of assembled devices and automatic machines, tailored to the project phases, required quantities and the growing demands from the market.

02 / Concept

Fully automatic system concept for manufacturing and packaging the products; Series start 2023.

03 / Product

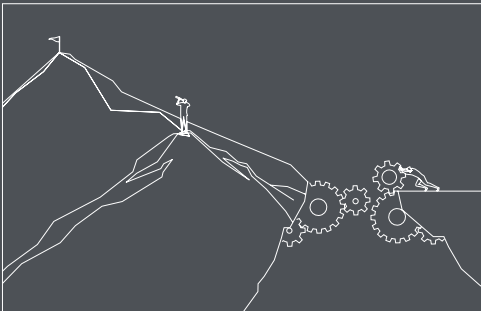
Prototyping and series production of implant syringe.





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