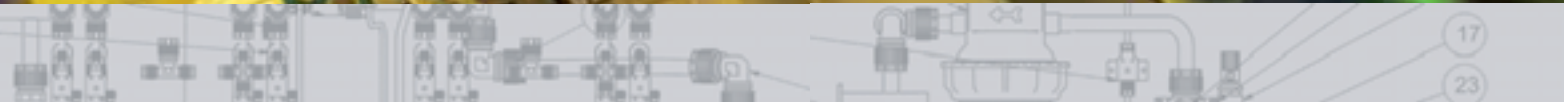


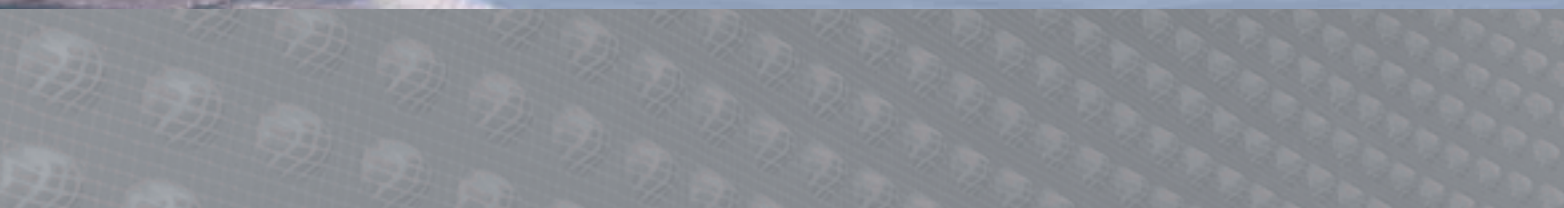


ELMARCO

## Contract Assembly Manufacturing



# Introduction





**SEMICO** BUSINESS UNIT IS PART OF THE ELMARCO GROUP, REPRESENTING ORIGINAL BUSINESS OF THE COMPANY. WE OFFER SINGLE SOURCE SOLUTION TO COMPANIES LOOKING FOR A RELIABLE AND EXPERIENCED PARTNER WITH PLASTIC AND METAL PRECISION MACHINING AND WELDING, AND CLEAN ROOM ASSEMBLY CAPABILITY. WE BASE OUR EXPERTISE AND EXPERIENCE ON LONG-TERM SUPPLIER RELATIONSHIP WITH TOP WORLD PRODUCERS OF SINGLE WAFER PROCESSING EQUIPMENT. OUR IN-HOUSE CAPABILITIES INCLUDE:

- DESIGN AND ENGINEERING
- SUPPLY CHAIN EXPERTISE
- ISO 9001:2000 CERTIFICATION
- PROTOTYPING
- TOOLING
- PRECISION MACHINING, BENDING AND WELDING OF ALL KINDS OF PLASTICS AND METALS
- CLEAN ROOM ASSEMBLY, CLASS C

Contract Assembly Manufacturing





# What do we offer...

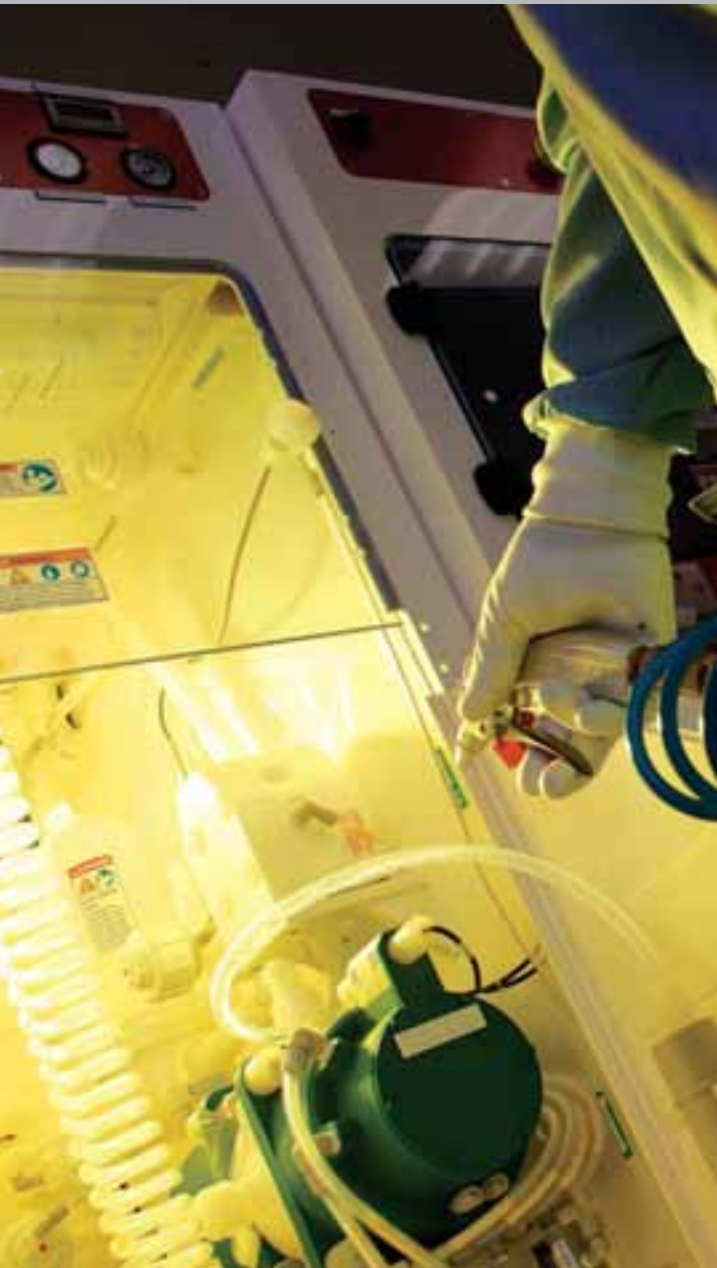
We work closely with our customers throughout the whole project stage, starting with product design support through production and servicing. We offer our services through our experienced staff and well established net of subcontractors.

We design, manufacture, integrate, test and service tailor made subsystems and customer facility equipment. We have proven history of successful cooperation with top world producers of semiconductor and PV capital equipment.

We focus our business activities into semiconductor, photovoltaic, pharmaceutical, medical, chemical and nanotechnology industries.



Currently,  
we specialize  
in the  
production  
of following  
equipment



Our services best fit companies that:

- use outsourcing when increasing production volumes
- use outsourcing when economizing their production
- look for comprehensive quality of their products for lower price
- looking for an experienced and reliable partner that offers support throughout the whole project of a new product development

Products →





Principal product categories:

### **Fluid delivery systems**

We offer customers resources for prototyping as well as full scale production units within both customer provided specifications and own design capabilities. Fluid Delivery systems have been delivered over a long period of time, mainly for surface treatment technologies in the semiconductor and PV industries.



### **Plastic solutions for aggressive environment (pharma, chemical, medical)**

We are able to deliver special plastic equipment for aggressive environment, for example exhaust treatment systems, chemical blend/dispense systems, storage containers.



### **Laboratory Equipment and solutions**

We equip laboratories with fume cupboards, laboratory furniture or offer complete solutions for laboratory environment (cleaning equipment, chemical containers, piping, and water/media distribution).



# Technological expertise...





**Contract** Assembly Manufacturing

**Machining expertise:**

advanced 5-axis CNC milling, CNC turning, traditional milling, bending of plastics, drilling, sawing, deburring.

**Welding expertise:**

hot-air welding and bonding of various types of plastic material – PFA, PTFE, ECTFE, PVDF, HDPE, PP, PVC, CPVC, PEEK, Polycarbonate and other.

**Facilities:** 1000 sq.meters of production floor, 250 sq.meters of Class 10 000 clean room facility for assembly and integration of high purity tubing.

**Engineering and Design Capability:**

2D and 3D models (Inventor), CAD/CAM Cimatron.





ELMARCO

# Reference



SEZ AG, division of LAM Research,  
Corporation, USA

AP&S GmbH, Germany

Decker Anlagenbau, Germany

Stangl, Germany





**ELMARCO**  
NANO FOR LIFE

## CONTACTS

**Michal Mareš**  
Managing Director

**Petr Jirmus**  
Production Manager

**Miroslav Hašek**  
Sales Specialist