

Product range ● ● ●

Customized heating applications up to 1000°C

- Concept and design
- Engineering
- Prototype and volume production
- Validation

Mineral insulated heating cables up to 1000°C

- One / two wire types
- Self limiting versions
- With cold ends (seamless / ad-on design)
- With assembled connectors

Mineral insulated signal cables up to 1100°C

- One / multiple wire types
- With different materials for sheath and core
- In coaxial / triaxial design
- In low capacitive design
- For high frequency signals

Mineral insulated thermocouples up to 1700°C

- Smallest diameter 0,25mm
- Standard / customized versions
- Accessories

Mineral insulated RDT's up to 600°C

- Smallest diameter 0,8mm
- Customized versions
- Accessories

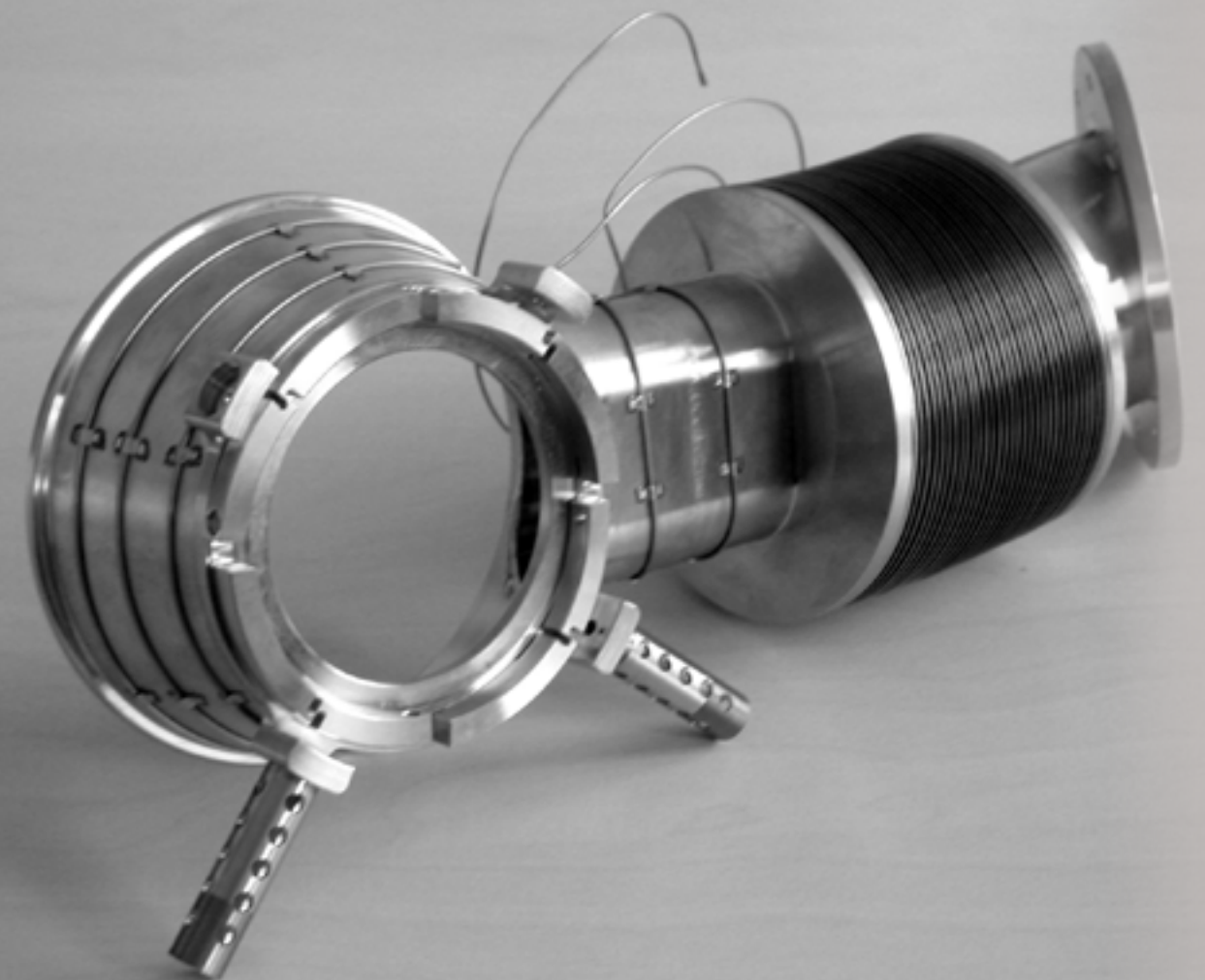


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Your Partner for
specialized Industrial
Heating and Temperature
Measurement



ENGINEERING
HEAT-TRANSFER
MEASUREMENT



About ThermSys ● ● ●

ThermSys is a specialized company focused in the areas of planning, designing and manufacturing of customer-specific industrial devices for heating and temperature measurement. ThermSys has implemented a Quality System formally approved by TÜV in accordance with ISO 9001. We employ engineers with more than 40 years of experience in design, supply and installation of such customized products.

Our experienced team works in close cooperation with our clients according to our company philosophy which is "to become your partner and not only your supplier".

Various industry areas are currently being supplied by ThermSys including semiconductor, vacuum, reactor, vessels, analytical, power generation and original equipment manufacturers (OEM's). ThermSys has supplied several 1000's of specialized solutions. ThermSys is capable of providing fast, functional and cost efficient solutions for any kind of heating and temperature measurement applications.

Scope

Customer-specific Industrial Heating and Temperature Measurement Applications using:

Design

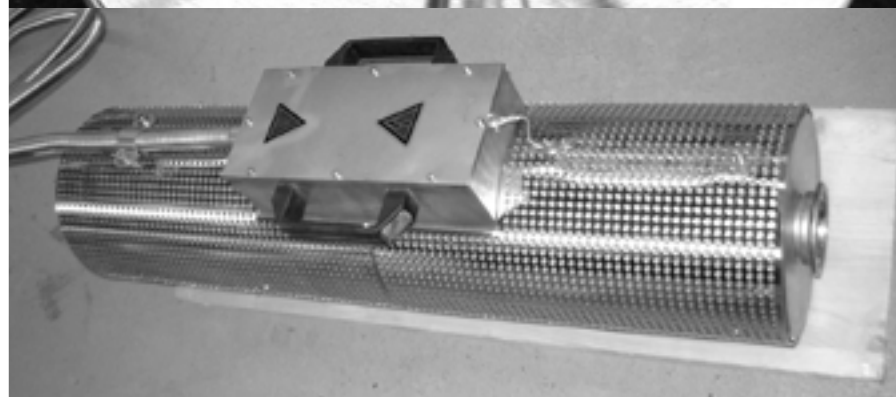
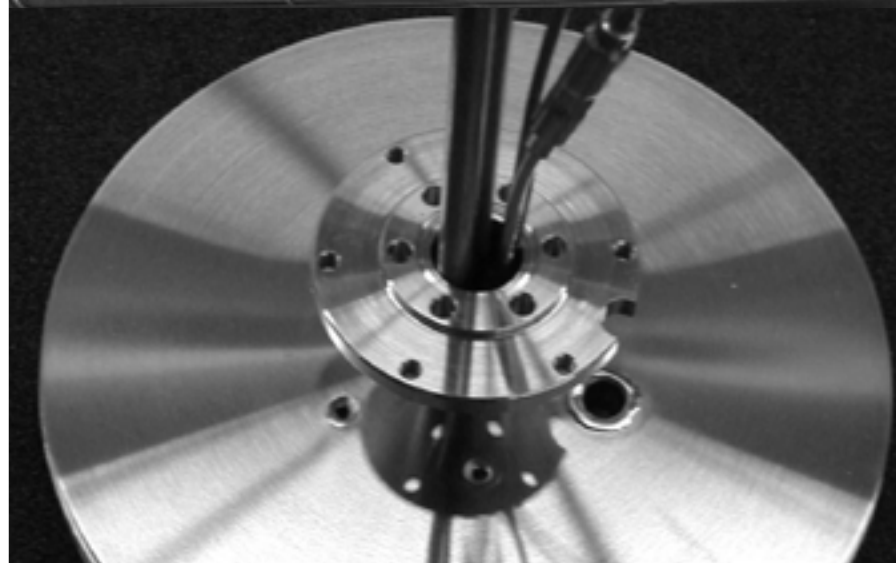
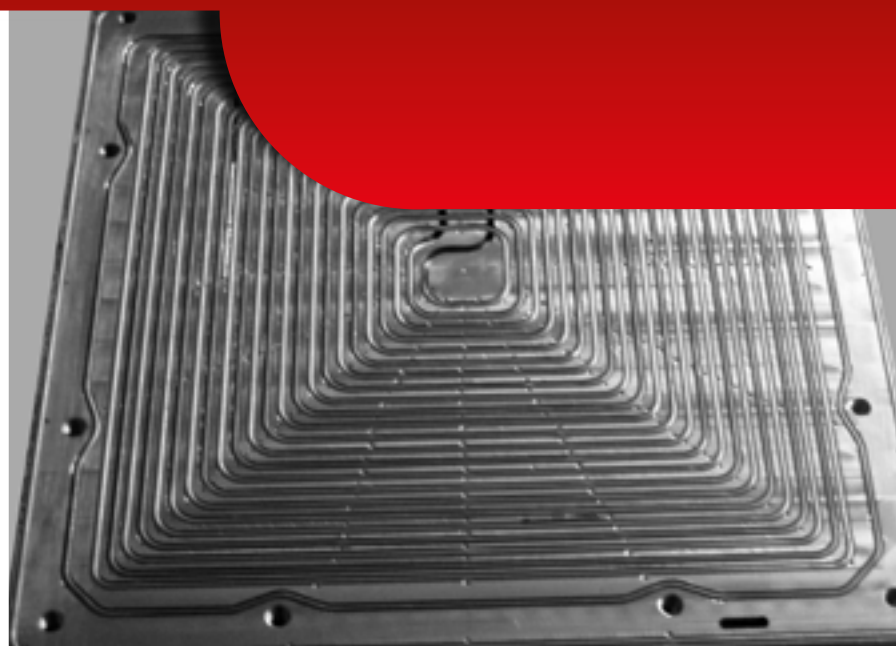
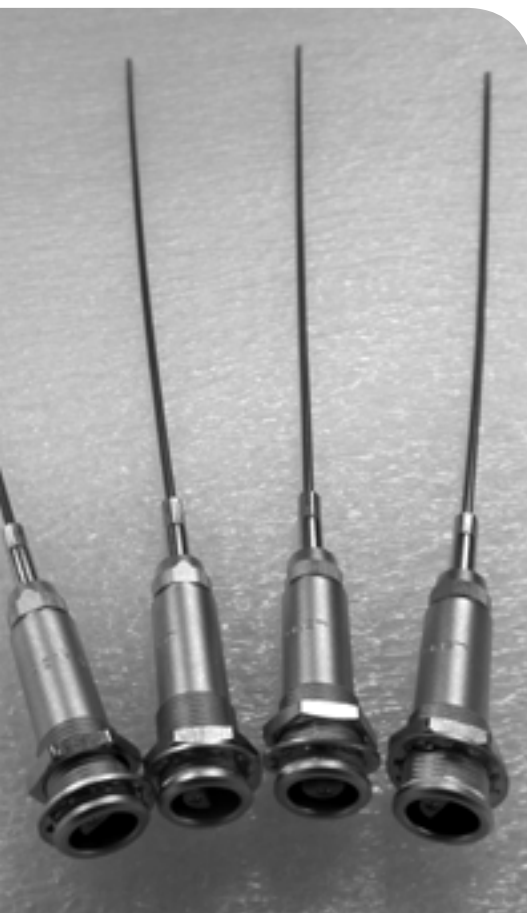
- Qualified engineers and craftsman
- Design engineers experienced with 3D CAD systems

Quality and Testing

- ISO 9001 certified
- 100% final clearance
- Helium leak test
- X-ray
- Dielectric test
- Full material traceability and product marking
- Compile DAkkS and manufacturer test certificates
- Test laboratory with equipment for the certification of function test, heating test and product validation

Equipment and Processes

- Laser and TIG certified welding
- Machine park for MI-Cable production
- Specialized cable drying ovens
- Brazing torch and specialized vacuum brazing
- Special purpose CNC center lathes and machining centers
- Sand / glass pearl blasting for product finishing



Tailor Made Applications ● ● ●

Engineering

Our experienced engineers and technicians develop sophisticated solutions based on your specifications and concepts, using the latest tools available. From the early stages we place great importance on close and cooperative partnerships with our customers.

Cable (Made in Germany)

Mineral insulated cables are custom-build according to the customer requirements. Due to the cable manufacturing in-house we can offer great flexibility, extensive know-how and a consistent high level of quality.

Mechanical Workshop

By utilizing computer based construction data we can use modern machinery to build the needed components for prototypes and volume production in best quality and right in time.

Assembly

The assembly of your applications and components is carried out by our experienced production team in our assembly shop. This ensures full compliance with technical and chronological targets.

Quality

Execution and documentation of all necessary quality tests is done by our skilled and trained personnel using traceable measuring equipment. 100% tests prior to delivery.

Delivery

Packed securely, or by request according to your special guidelines, we will deliver your heating and temperature measurement applications fast and safe.

