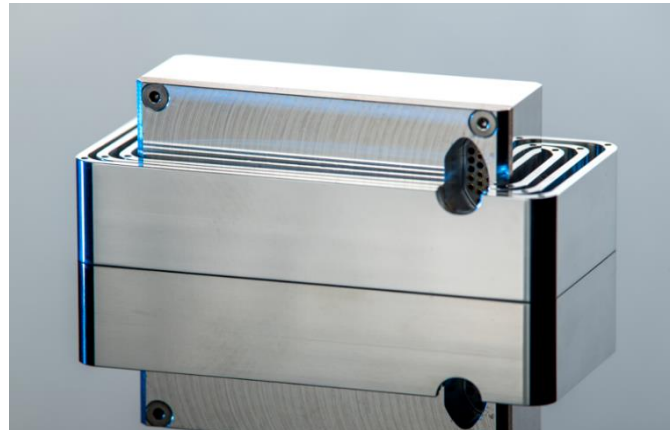


## Process temperatures in vacuum in real time – wireless!

# TFUNK

Remote controlled temperature  
Measuring system and data logger  
For vacuum chambers



### Principle:

Up to 5 temperatures are measured simultaneously and transmitted wirelessly to a receiving station. The measuring module can be located on moving substrate holders inside a vacuum chamber at elevated temperatures. The obtained data are stored internally for later analysis.



### Features

- Uncomplicated operation
- Very effective thermal isolation of the electronic
- Low mounting space required

### Isolation

- Enables operation at  $T > 100^\circ$  for many hours
- Multilayered thermal isolation
- Customisable heat resistance

### Software

- Win7 or higher
- Data processing and archiving
- Easy and intuitive

### Technical data

- 3 or 5 thermocouples Type-K with ceramic connectors
- Max. longterm operation at  $250^\circ\text{C}$
- Data memory 128kByte or 256kByte
- L x B x H: 12cm x 5cm x 5cm with isolation
- Weight ca. 300g
- 1 x Battery type  $\frac{1}{2}$  AA – 3.6V
- Basis station communication: USB / TCP-IP / EtherCat