

CreaTec designs and manufactures highly customized heating systems for any kind of application. Temperatures up to 1200 °C are standard. Temperatures up to 2000 °C are possible on small areas size.

## Options

- LN2, LHe or water cooling
- Sample biasing
- Integrated shutter
- cVac control software
- Power supply for heating stage including PID controller

| TYPE                 | MA  |                               |
|----------------------|---|-------------------------------|
| SAMPLE HOLDER DESIGN | as specified  |                               |
| SAMPLE SIZE          | as specified  |                               |
| HEATING SYSTEM       | radiation heating<br>e-beam heating<br>SiC heating          | wire filament<br>lamp heating |
| THERMOCOUPLE SIZE    | type IC   type C  |                               |
| TEMPERATURE RANGE    | up to 1200 °C<br>e-beam: up to 2000 °C on small sizes areas |                               |
| BAKE-OUT TEMPERATURE | 200 °C  |                               |
| FLANGE SIZE          | DN 63 CF   100   160   200                                  |                               |
| MOUNTING ORIENTATION | horizontal<br>vertical                                      |                               |
| PRESSURE RANGE       | ambient to 10 <sup>-11</sup> mbar                           |                               |
| UHV LENGTH           | as specified  |                               |

