

## Konti-Cryostat-STM

**KONTI-Cryostats** are supplied continuously by specially designed transfer tubes out of a He-tank. As there is no need for a He-bath these systems are small and compact. Furthermore they can be used nearly towards every orientations. The main advantage of these cryostats is their wide temperature range. Depending on the type of cryostat they can reach temperatures between 3,5 K and 800 K.

### Application: STM

- continuous flow cryostat
- temperature range 3,5-500 K
- temperature stability < 0,1 K
- sample in UHV ( $<10^{-10}$  mbar )
- bakeable 250° C
- high stability
- endcap manipulator operated
- ask for custom configurations

### Accessories

- temperature measurement and control unit
- contactgas-block valve
- He-gas block valve
- He-gas LHe-transfer tubes (L- or U-shaped, semiflexible)
- vacuum pump
- HV-vacuum pump unit



Konti-Cryostat-STM  
cap opened

It has to be pointed out, that our cryostats are build after placing an order, exclusively. This gives us the opportunity to offer specially customer designed systems. Among our standard cryostats we are able to change dimensions and specifications or add completions specially for your requirements and experimental conditions, too. If there are questions about technical details do not hesitate to contact us.

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