

## He-Bath-Cryostat-Magno-Spektr

As a standard cryostat for the temperature range between 1,2-4,2 K "wide neck"-bath cryostats are manufactured with various neck diameter and capacities, consisting of vacuum chamber, Helium-, and Nitrogen-tank. The System-Cryostat is a matter of a "wide neck" cryostat in module construction, realized with a bottom which is flanged. That's why and because of the compact design the system cryostat is ideal for the mounting of samples directly into the bath or rather for mounting end pieces for optical or magnetic measurements as well as custom-made modules. Further more the system cryostat is used for the integration of **KONTI-Cryostats IT** with enlarged temperature range of 1,2-325 K (see [product index](#)).

The cryostats are made of stainless steel, manufactures according to the actual rules and equipped with all required safety installations at the various tanks.

**Application:** optical measurements in high magnetic fields

- bath-cryostat with superconducting magnet and integrated continuous flow cryostat
- no transfer tube for insert cryostat necessary
- temperature range 1,4-325 K
- 2 optical windows 180°
- 7-T split coil magnet system
- temperature stability < 0,1 K
- sample in LHe/He-gas area
- sample tube dia. 20mm
- quick and easy sample changes ("top loading")
- ask for custom configurations

## Accessories

- sample holder (different models)
- temperature measurement and control unit
- He-gas block valve
- He-vacuum pump
- HV-vacuum Pump unit

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.



Bath-Cryostat-Magno-Spektro  
with continuous flow cryostat  
7-T split coil magnet

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