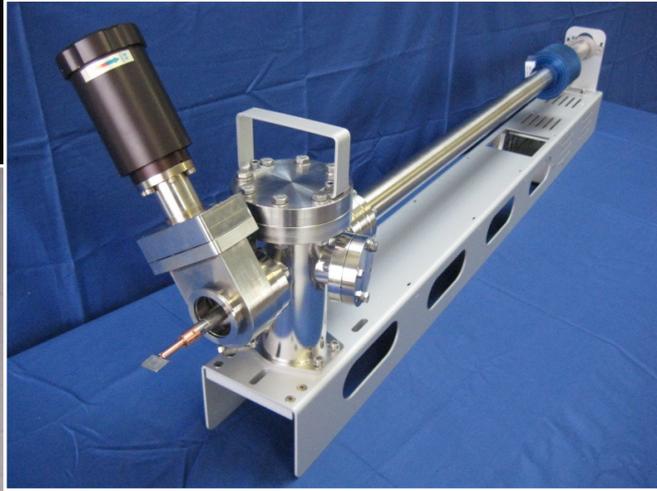


compact design for
easy transport

no power necessary
during transport

customized solutions

10^{-10} mbar



UHV Transport Case

SURFACE

UHV Transport Cases – Your Connection to Light Sources, Beam Lines, Advanced Analysis Tools

SURFACE UHV transport cases connect the UHV system at your lab to the light sources and analysis tools of the world. Sample transfer under UHV conditions in a comfortable and secure way – compact and flexible.

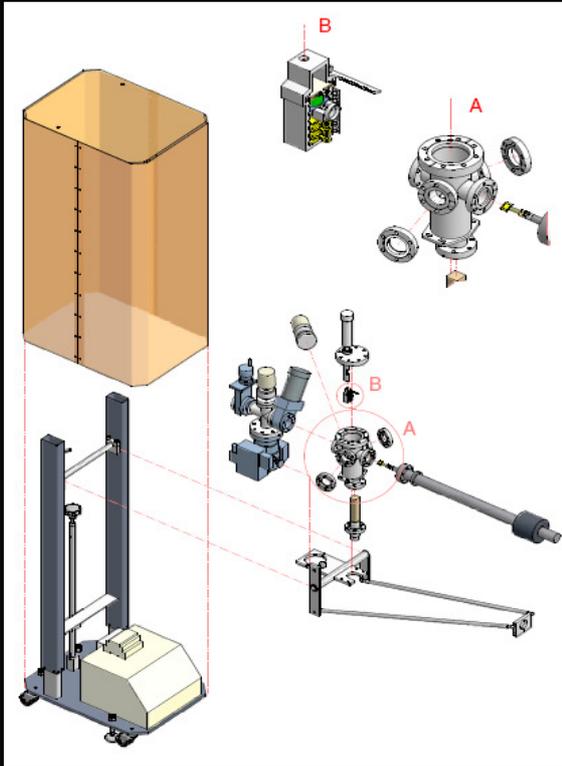
The transport cases are suitable for every kind of transport: car, train, air plane.

Even after several days the pressure in the transfer case will be as low as 10^{-9} mbar – without any power connection – thanks to the advanced pumping technology.

Modular Design Meets Your Demands

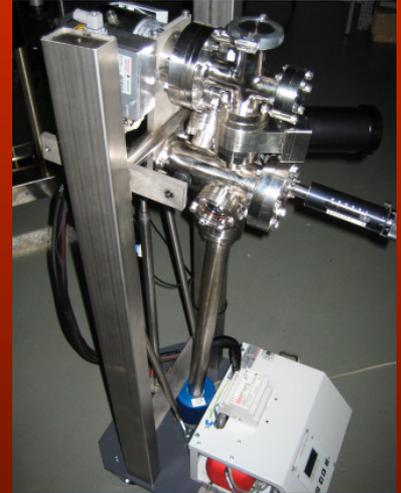
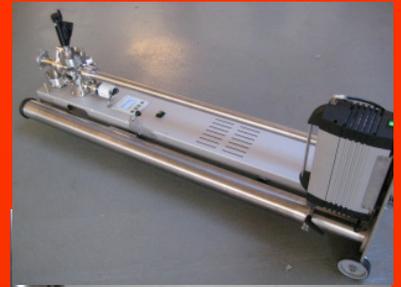
SURFACE offers a system of components to create the transport case suitable for your individual requirements:

- single sample transport or groups of samples
- individual transfer length of the samples to the docking UHV system
- integrated or separate docking pump stage
- complete transport frame to hold the transport case, with variable docking height and angle
- foldable design for compact transport dimensions
- optional protective cover for safe transport



Advanced Pumping Technology

SURFACE transport cases are equipped with SAES NEG pumps providing a high pumping speed without applied power. The chamber and the manipulator are baked out so that the installed NEG (Non-Evaporable Getter) pump can guarantee low pressure during transport.



SURFACE

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