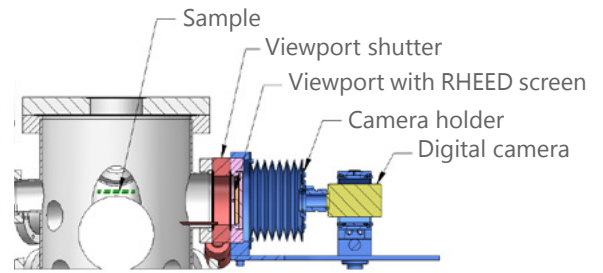


The RHEED Screen Set is an additional equipment for a complete RHEED analysis. It consists of a viewport shutter, a viewport with RHEED screen, a camera holder and a digital camera.



Camera Holder

The Camera Holder offers the possibility to mount a camera in front of the RHEED screen. The compact design, such as 4 degrees of freedom and light tight bellow enable a comfortable recording of RHEED pattern.

Features

- Adapted to a RHEED flange NW CF 63, CF 100, CF 160 or on request
- X- and Y- micrometer adjustment
- With light tight bellow
- 360° rotation around the optical axis of the lockable camera



Viewport with RHEED Screen

The viewport with RHEED Screen allows the UHV compatible display of RHEED pattern. The mounting ring which keeps the screen can be mounted to the window without the usage of screws.

Features

- Flange size CF 63, CF 100, CF 160 or on request
- Indiumtinoxide (ITO) or aluminium coated RHEED Screen
- UHV window with special design to keep the mounting ring



Viewport Shutter

The viewport shutter enables the protection of the RHEED Screen against condensation of evaporated materials.

Features

- Flange size CF 63, CF 100, CF 160 or on request
- Manually operated, magnetically coupled